Appendix C Biological Resources Appendices

Appendix C1 CNDDB Summary Tables

Agelaius tricolor da&[|[¦^åÁa|æ&\àāå Element Code: ŒÓÚÓÝÓ€€Œ€ Other Lists NDDB Element Ranks Status Federal: b[}^ Global: ÕÕH CDFG Status: ÙÔ State: Þ[}^ State: ÙG **Habitat Associations** General: ΡΦΡ ΕΥ ΙΑΝ ΤΟ ΙΝΕΙΚΑΙ Τ Μίστο: ΰὸὑνιΦὸὸὑΑμύὸρΑΑ σενὸϋθΑύϋυνοὸονὸὄΑοὸὺνΦοδΑννούνοισενόθερΑσυϋσεδιφοδΑσεύοσελ συρΑίθερολόμοδυλΑύϋὸϔΑλ συρΦΑσθέον Αςτ Αμφάνρολιδυ εξυργέ Occurrence No. G Í Map Index: GHG EO Index: îí Œ Dates Last Seen Element: FJÌ ÝËÝÝËÝÝ Occ Rank: W}\}[,} Site: FJÌ ÝËÝÝËÝÝ Origin: Þæðilæ†BÞæðaç^Áj&&`ll^}&^ Presence: Ú¦^• * { ^å/Ô¢æ} c Record Last Updated: FJJHÏF€ÏĒÏ Trend: W}\}[,} Quad Summary: V[;;a) &^ÁÇ+HFFÌ Ï HB€J€ÖD County Summary: Š[• ÁO; *^|^• Lat/Long: HHÈÌÌ€HઇÁÐÆFÌÈÈÌJÌÌó Township: € Ù UTM: Z[}^ËFÁÞHÏHJFÏJÁÒHÌ€ÍÌ€ Range: Radius: ŒÓÁ Ã Mapping Precision ÞU ÞËÙÚÒÔŒÔ Section: Qtr: ÝÝ Meridian: Ù Elevation: ŒÁc Symbol Type:ÚU⊕∨ Location: PΆÓUÜÆSŒSÒŒÆPÁ/PÒÂÛŒÞÁÚÒÖÜUÆŒÜÒŒÁUØÆSUÙÁŒÞŐÒŠÒÙÈ Ecological: ÞÒÙVŒÕÁÙWÓÙVÜŒ/ÒÁŴÁÜÒÒÖÙÈ General: ÙWÔÔÒÙÙØNŠÁÞÒÙVΦŐÁΦÖŒVÒÖÁÓÝÁPÒÁÜÜÒÙÒÞÔÒÁJØÁØŠÒÖŐÖÖÄYUWÞŐÁRWÙVÁJØÁ/PÒÁÞÒÙVÈ Owner/Manager: WPSPUY P Occurrence No. HHG Map Index: HJÍÌH EO Index: HŒĨ J **Dates Last Seen** Element: FJÌ ÝËÝÝËÝÝ Occ Rank: W\\[\} Origin: Þæč¦æ∰D>ææãç^Á;&&`¦¦^}&^ Site: FJÌ ÝËÝÝËÝÝ Presence: Ú¦^• * { ^åÂÔ¢æ} c Record Last Updated: FJJI EEJEG Trend: $W_{1} \setminus []$ Quad Summary: V[;;a) &^ÁÇHFFÌ Ï HŒJ€ÖD County Summary: Š[• ÁŒ * ^ | ^ •

Mapping Precision ÞU ÞËÙÚÒÔŒÔ

Symbol Type:ÚUŠŸÕUÞ

Location: T CEÖÜUÞ CEÁT CEÜÜPÉKES/ÁT CEÖÜUÞ CEÁT CEÜÙPÁÞ CEWÜÒÁÔÒÞ V ÒÜÉÁVUÜÜCEÞ ÓÒÈ Ecological: P CEÓQ/CE/ÁÖUÞ ÙÒJVÙÁJ ØÁTEÁK ÒÜÞ CEŠÁÚUU ŠÁTEÜÒCEÁK ÒÕ ÖV CEV ÒÖ ÁÓ ЎÁWŠÒÙÈ General: ĬÍ 庄─€ÁÞ Ö QKOĎWCEŠÙÁJ ÓÙÒÜX ÒÖÁÞ ÒÙV Φ ŌÁÞÞÁF JÌ FÁJ ÜÁFJÌ GÁÇÍÝ AÔUŠŠOÞ ÙDÈ

Owner/Manager: ÔOYŸÁJØÁ/UÜÜŒĐÔÒËTŒÖÜUÞŒÁTŒÜÙP

Lat/Long: HHÈ GÏ €Í ÓÁÐÁËFFÌÈH GI €Ó

Area:

Elevation: ÏÍÁc

UTM: Z[}^ËFFÁÞHÏIHÏJ€ÁÒHÏÍÏÏÏ

Township: € Ù

Section: FÍ

Meridian: Ù

Range: FIY

Qtr: ÙY

Owner/Manager: ÚXV

•ālç^¦^Án^* ^••Ánāælå			nt Code: ŒÜŒÔÔ€F€FG	
Status —	_	NDDB Element Ranks	Other Lists	
Federal: Þ[}^		Global: ÕHÕI VHVI Û	CDFG Status: ÙÔ	
State: Þ[}^		State: ÙH		
Habitat Associations				
General: ÙŒĐÖŸÁJÜÁŠUUÙÒ	AŠUŒT ŸÁÙUĞŠÙÁMÞÖÒÜÁÙÚŒÜÙÒ	ÁKÒÕÒVŒ/QUÞÈ		
Micro: ÙUOŠÁTUOÙVWÜÒÁOÙ	JÁÒÙÙÒÞVQQŠĒÁVPÒŸÁÚÜÒØÒÜÁÙU	OŠÚÁ OVPÁDÁROÕPÁTUOÙVWÜÒÁÔUÞVÒÞVÈ		
Occurrence No. Ì H	Map Index: ÏJGÎ	EO Index: Ì €©€	Dates Las	t Seen -
Occ Rank: Ú[[ˈ				O€€JË€GËGG
Origin: Þæc∵¦æ†B⊅æ			Site:	G€€JË€GËGG
Presence: Ú¦^• ~ { ^å/	Ó¢œ)c			
Trend: W}\}[,}			Record Last Updated:	
Quad Summary: V[;; æ) &^Á	}HF FÌÏHB€J€ÖD			
County Summary: Š[• ÁO; * ^ ^	\•			
Lat/Long: HHÈ ⊜ຶ∫€ó			Township: €Ù	
	HÏIFÍJIÁÖHÏÏJÍ€		Range: FI Y	
Radius: Ì €∕į ^৫∖•		Mapping PrecisionÙÚÒÔ@Ô	Section: Ĝ	Qtr: ⊃
Elevation: JÍ Ác		Symbol Type:ÚUФ∀	Meridian: Ù	
Location: ŒÓUW €	ÁTÒ VÒÜ ÙÁP ÞYÁ PÒÁ OP VÒÜ Ù ÒÔ \	/OUÞÁUØÁGI€VPÁÙVÜÒÒVÁŒÞÖÁÓÒÞPGŠŠÁŒKÒĒÁVU	JÜÜŒÞÔÒÈ	
	ÁT ŒÚÚÒÖÁ/UÁÚÜUX ØÖÖÖÁÔUUÜ	. #3.3.3.		

General: G%320EÜÖÙÁÇÍÉ ÁÐRÔPÒÙÆUÞÖDÍUÓÙÒÜXÒÖÁUÞÁGI ÁROÐÞÁGÆSJÁY PGSÓÁY ÒÒÖQRÖÏÉFÆSZOEÜÖÁÇFÉI ÁÐRÔPÒÙÆSUÞÖDÍUÓÙÒÜXÒÖÁUÞÆGSÁRÒÓÁG€€JÈ

Aphanisma blitoides Element Code: ÚÖÔPÒ€ŒF€ æ)@e)ãr{æ Status **NDDB Element Ranks** Other Lists Federal: þ[}^ Global: ÕHÕI CNPS List: FÓÈG State: Þ[}^ State: ÙH **Habitat Associations** General: ÔUŒÙVŒŠÁÔŠWØÁŨÔÜWÓÉÔUŒÙVŒŠÁÖWÞÒÙÉÔUŒÙVŒŠÁŨÔÜWÓÈ Μίστο: ὑμράζιδιναρώ άτρι Θάλι δυλέφ δαξύ Αγγιδαί όδο το καιρά το κ Occurrence No. F EO Index: FGÌG Dates Last Seen Map Index: H F€ Element: ŒFŒÉËË Occ Rank: Øæ GeFeÜEÉÉÉÉÉ Origin: Þæðilæ BÞæðaç^Áj&&ill^}&^ Site: Presence: Ú¦^• * { ^å/Ô¢æ} c Record Last Updated: OFFEE FG Trend: W}\}[,} Quad Summary: Ùæ) ÁÚ^å![ÁÇHFFÌ Î HĐĐ HŒD County Summary: ŠI • ÁCE * ^ |^• Lat/Long: HHĒGĪFIÓAĀĒFÌÈHÏ€HÓ Township: €ÍÙ UTM: Z[}^ËFÁÞHÏ HGÏ FÏ ÁÐHÏ Í GÆH Range: FIY Area: ÍŒHÁse&¦^∙ Mapping PrecisionÙÚÒÔŒÔ Section: Œ Qtr: ÝÝ Elevation: FÍ €Ác Symbol Type:ÚUŠŸÕUÞ Meridian: Ù Location: ὑἀτιος ὑὰτιος ὑὰτιο Location Detail: ÙÔŒ/VÒÜÒÖÁÔU ŠU ÞOÒÙÁĐŠU ÞÕÁÓŠWØØÙÉÁT ŒÚÚÒÖÁÓŸÁÔÞÖÖÓÁÐÈJÁ ÁÚU ŠŸÕU ÞÙÈ Ecological: ÔU ŒÙ VŒŠÁČŠNAZOÚÁTÁÐU XÒÁJ VU ÞÝÁÓ COÐ PĒLĪV VÒĆÚÁ CŒŠNU Ò CÁŪŠUÚ Ú ÓÁ QY PÁÐ QÙ VŒ V PÒÁT ŒŬ QY CT ŒÉŠÝ Ô QUT ÁÐ ŒŠ QQU Ü ÞÓÐ WT ÉLÜ PWÙÁTÞ V Ò ŌŬ ŒØU ŠŒĒ ÔCEŠCE PÖÜ OÞ QUÁT ŒŰ QY CT CEÉÖ WÖ ŠÒ Ý CEÁN QÙ Ò ÞŮ ÉLU Ú VÞ V QUEŠQY V U Ü CEŠQÙ ÉLU BÁÚÚ U ŠØYÓ Ü CEÉÆLE ÖÁT QÙ CEÓ SĒQU Ú ÞÓÐ CEÉ General: ŒὑUWÁ €ÁၨĴŠŒÞ \ÙÁÌÒÒÞ ÁΦ ÆJJFĒÓWÁJÞŠŸÁŒÁUÜŮVΦJÞÁJØÁJÔÒWÜÜÒÞÔÒÁĴWÜXÒŸÒÖÄÖWÒÁ/UÁΦŒÔŌÒÙÙŒÓŚΦŸÁJØÁJŪYÒĒØUWÞÖÆÞÆJJGÓЎ ŠÙŒLÁTÍ (ŒÁUÓÙÒÜXÒÖÁÐAFÁTJÍ ÞÁÖUŠŠÒÔVÒÖÁFÒÜÒÁÐAFJI) ÞÁGEEFÞÁÐFÖÁÐEFEÁJFEGÁÚŠŒÞVÙÁÐÁGEFEÐÁÐ ÔŠWÖÖÙÁÐUÜT ÒÜÁUÔSÓWÜÜÒÞÔÒÁGÈ Owner/Manager: ÚXVÉWÞSÞUY Þ Occurrence No. HF Map Index: | FÎÏÍ EO Index: | FÎ Ï Í **Dates Last Seen** Element: FJJ΃ÉEH Occ Rank: Ú[[FJJ΃ÍË€H Origin: Þæcilæ BÞæcāç^Á, &&`ll^}&^ Site: Presence: Ú¦^• * { ^å/Ô¢æ} c Record Last Updated: FJJJËEJËH Trend: W}\}[,} Quad Summary: Ùæ) ÁÚ^å¦[ÁÇHFFÌ Î HŒÏ HŒD County Summary: Š[• ÁO; *^|^• Lat/Long: HHĒ HJÎ FÓÆĒFÌ ÈH I LÎ FÓ Township: €ÍÙ UTM: Z[}^ËFÁÞHÍH FHHÓHÍ GÌÌÌ Range: FIY Mapping PrecisionÙÚÒÔŒÔ FΪ Area: FIHAS Section: Qtr: ÝÝ Elevation: F€€Ác Symbol Type:ÚUŠŸÕUÞ Meridian: Ù Location: ŒÓŒŠUÞÒÁÔUXÒÁŒŠUÞÕÁÝ ÒÙVÂŪĠÒÁJØÁŬUÜVWŐWÒÙÒÁĴUΦVĒÁſŒŠUÙÁKÒÜÖÖÙÁĴÒÞΦÙWŠŒ Location Detail: T ŒÚÚÒÖÁŒŠU ÞŐ ÁÜU ŒĎÁÖU Y ÞÁÓŠNÆØÙÁJ ÞÁÝ ÒÙVÁÙ ØÖÒÁJ ÆÁUU ÜVMŐ WÒÙÒÁÚU OÞ VÈ Ecological: ŐÜUY @ ŐÁÓÒYY ÒÒÞÁJŒŐÒÁJÔÜWÓÁJÔT ÞŒ VÙÁÐ ÖÁJŠŒ VÒÖÁJÔŠŒ JŐUÞQVT Á PŸÓÜ ØÜÈ Threat: ÞUÞËÞŒVQXÒÁÚŠŒÞVÙÈ General: FÁÚŠŒÞVÁJÓÙÒÜXÒÖÁŒÞÁFJJŒ Owner/Manager: WPSPUY P Occurrence No. I J Map Index: €FÏ €€ EO Index: ÏÎÎÎH Dates Last Seen ÝÝÝÝĚÝĚÝ Occ Rank: W}\}[,} Element: ÝÝÝÝĚÝÝ Origin: Þæč¦æ#B⊅ææãç^Áj&&`¦¦^}&^ Presence: Ú¦^• * { ^å/Ô¢æ} c Record Last Updated: ŒIJËEÏ ËEH Trend: $W_{1} \setminus \{[,]\}$ Quad Summary: V[|| æ) &^ÁCHFFÌ Ï HB€J€ÖDÂÜ^å[} å[ÁÓ^æ&@ÁCHFFÌ Ï I B€J€ÔD County Summary: Ši • ÁŒ *^|^• Lat/Long: HHÈGJGFóÁDÁËFÌÈHJ€ÍÍó Township: € Ù UTM: Z[}^ËFÁÞHÍII€ÌÌÁÖHÍFHGH Range: FIY Mapping Precision ÞU ÞËÙÚÒÔŒÔ Section: Fì Radius: FÁ ã^ Qtr: ÝÝ Elevation: Í €Ác Symbol Type:ÚU ⊕ V Meridian: Ù Location: ÜÖÖUÞÖUÈ Location Detail: ÒÝ ŒÔ V/ŚU ÔŒ/WÞÁNÞSÞUY ÞÆT ŒÚ Ú ÒÖ ÁÓ Ý ÁÐ ÞÖÖ ÓÁŒ ÁÓ ÒÙ ÚÁW Á/ ÞÒÁ ÓÐ QY ÁJ ØÁ Ú ÖÖ UÞ ÖU ÁÓ ÒŒÐ ÉÆSU ÚÆÐ Ō Ò ŠÒÙ È General: UÞŠΥΆὐUWÜΘΟΆJØÁÞØUÜT Œ/QJÞÁØUÜÄ/PΦĴΑĴQYŌÁÐÁŒÞÁŅÞΘŒ/ΟΘΑĴWÙÙΘŠŠΑΘŪŠŠΘΟVΦJÞĚÞŌΘΘŮÁØÐŠΘΥ UÜSÈ Owner/Manager: WPSPUY P

•[čo@Á&[æ•oÁ\æ†o•&æ‡^		Element Co	ode: ÚÖÔPÒ€I FÔ€
Federal: Þ[}^ Status -		NDDB Element Ranks Global: ÕHÕI State: ÙG	Other Lists ———————————————————————————————————
Habitat Associ	intiano		
	ÔÜWÓÉĞÛUŒÙVŒŠÁÓŠWØØÁÙÔÜWÓÉÁÚŠO	FŸŒĬĤÔŖŎĸIJĹIJŎÁĬŎŰWŎĖ	
Micro: ŒŠSŒŠŒĴÚUŒŠ			
Occurrence No. H	Map Index: HÍJ€	EO Index: FG-Í €	Dates Last Seen
Occ Rank: Øæå			Element: FJJ ﷺ
•	čla#B⊅aegaç^Á,&&čll^}&^		Site: FJJŒÉÉÉGJ
Presence: Ú¦^•			Record Last Updated: G€FG±E ⊞H
Trend: W ₃ \	31, 3		necord East opacion. On the Err
Quad Summary: Ùæ)	ÁÚ^å¦[ÁÇHHFFÌÎHBÐÏHOÐ		
County Summary: Š[•	ÁŒ; * ^ ^•		
Lat/Long: ⊢	EGIGÍÓÁÐÁÉFFÌÈEHÎGFÓ		Township: €ÍÙ
UTM : Z[}	^ËFFÁÞHÍHGHÌHÁÒHÍĴG€G		Range: FIY
Area: ĺÈ		Mapping PrecisionÙÚÒÔ∰Ô	Section: GG Qtr: ÙY
Elevation: Œ	€Ác	Symbol Type:ÚUŠŸÕUÞ	Meridian: Ù
· · · · · · · · · · · · · · · · · · ·			
Location: UUE	ŠU ÙÁX ÓÜ ÖÓÙÁÚÓÞ OÞ ÙWŠOŒĀY ÓÙVÁÚŠL	JÚÒÁJØÁÙPUÜÒŠOÞÒÁÚŒÜSÁŒŠUÞÕÁÓÒŒÔPÁŒÔÔÒÙÙÁ	/ÜŒŠĖ
		JÚ ÒÁJ ØÁJPU Ü ÒŠO; ÒÁÚ ŒÜS ÁOŠU ÞŐ ÁÓ ÒŒÐ PÁOÐ Ó ÒÙÙÁ. ØÁJ ÒÔVOJ ÞÁGSÁÐ ÔOUÖ ÖÐ, ŐÁ VUÁDÁFJJGÁT ŒÚ ÁØÜ UTÁÓ	
Location Detail: GÁU		ØÁÙÒÔVQUÞÁGGÁÐÊÔUÜÖQÞÕÁVUÁÐÆFJJGÁT ŒÚÁØÜUT ÁÓ	
Location Detail: ဪ Ecological: மு <i>ர்</i>	U ŠŸÕU ÞÙÁT ŒUÚÒÖÁMÞÁ/PÒÁÙYÁFBÁU ÔU ŒÙ VŒŠÁĴŒÕÒÁĴÔÜ WÓÁY QYPÁÞWTÒI	ØÁÙÒÔVQUÞÁGGÁÐÊÔUÜÖQÞÕÁVUÁÐÆFJJGÁT ŒÚÁØÜUT ÁÓ	ÜQÞST QÞÞÉÖWÙQÈ
Location Detail: ဪ Ecological: ௸Ć Threat: ௸Ô General: G Á	UŠŸÕUÞÙÁT ŒŰŮÒÖÁÐÞÁ/PÒÁJY ÁFÐÁJ ÖUŒJVŒŠÁJŒŎÒÄJÔÜWÓÁY QYPÁFWTÒI ÜÜÒŒJVÖÄJJÖÖÖJÖŒYQJÞŒŠÁNÙÓÁ/PÜĊ ÚŠŒÞVÙÁJÒÒÞÁÐÁFJJQLÁÖÜÐÇSTŒÞÞĦ	ØÅÙÒÔVOUÞÁGGÁDEÔOUÜÖOÞÖÁVUÁDEFJJGÁT ŒÚÁØÜUTÁÓ ÜUWÙÁ≻UÞEÞŒVOXÒÁÖÜŒÙÙÒÙÈ	ÜQÞST OÐÞEÓWÚQĒ IQÞŐÁÖÒXÒŠUÚT ÒÞVÈ ÜÖÁÞOÐÐÁÞÁÐÁFJJFEÁÓWÁÞUÁÖÒVOÐSŠÚÁÖQKÒÞÁÐA
Location Detail: ဪ Ecological: ௸Ć Threat: ௸Ô General: G Á	U ŠÝ ÓU Þ Ù ÁT ŒÚ Ů Ò Ö ÁÐÞ Á P Ò ÁLY ÁFÐ ÁL ÖU ŒL VŒŠÁUŒÕ Ò ÂL Ò Ü W Ó ÁY Ø PÁFWT Ò Ó IÜ Ò ŒL Ò Ö ÄL Ò Ö Ü Ö CEV ØL ÞŒŠÁN Ù Ò ÁVP Ü Ö Ú ŠŒÞ VÙ ÁL Ò ĆÐF ÁÐFLJI ŒL ÁÜ Ü ÆST ŒÞ ÞÉ ŠŠÕÔ V ØL Þ Ú ÁZÜ UT ÁL ŒÞÁL Ö Ö Ü U ÁÆÞÖ Ö	ØÅJÒÔVOUÞÁGGÁTEÓÔUÜÖOÞÖÁVJÁTEÁFJJGÁT CEÚÁÐÜUT ÁÓ ÜUWÙÁÞUÞEÞCEVOXÒÁÖÜCEÙÙÒÙÈ XCEVÒÞÙÁÖWÒÁVUÁÞÒŒJÓŸÁŌUŠØÁÖUWÜÙÒÁTEÞÖÁPUWÙ ÍÓWJOÁJVCEVÒÙÁPCEVÁ/PÒÜÒÁNEJÓÁØÒY ÒÜÁJŠŒÞVÙÁPÒ	ÜQBST (BEÞEÓWÚQĒ IQBŐ/ÄÖÖXÖŠUÚT ÖÞVÈ IÜÖÁ!P(BEÁQBÁSJJFEKÓWÁÐU/ÄÖÖV(BEŠÚÁÖQKÖÞÁXU
Location Detail: GÁU Ecological: ΦÆ Threat: ΦÔ General: GÆ ÖUS Owner/Manager: ÚX\ Occurrence No. Ì	UŠŸÕUÞÙÁT ŒŰŮÒÖÁÐÁPÒÁÜY ÁFÐÁJ ĎUŒĽVŒŠÁUŒĎÓÁÜÖÜWÓÁY ŒPÁFWT Ò ÜÜÒŒÙÒÖÄÜÒÖÜÒŒVØÞŒŠÁWÌÒÁYPÜĊ ÚŠŒÞVÙÁÜÒÓÞÁÐÁFJJŒÁÖÜŒSTŒÞÞÉ ŠŠÖÔVØJÞÙÁØÜUTÁĴŒÞÁĴÖÖÜUÁŒÞÖ/ √	ØÅJÒÔVOUÞÁGGÁTEÓÔUÜÖOÞÖÁVJÁTEÁFJJGÁT CEÚÁÐÜUT ÁÓ ÜUWÙÁÞUÞEÞCEVOXÒÁÖÜCEÙÙÒÙÈ XCEVÒÞÙÁÖWÒÁVUÁÞÒŒJÓŸÁŌUŠØÁÖUWÜÙÒÁTEÞÖÁPUWÙ ĎWÙGÁJVCEVÒÙÁPCEVÁ/PÒÜÒÁNEJÓÁØÒY ÒÜÁJŠŒÞVÙÁPÒ	ÜQÞST CEÞÞEÓWÙGĒ IQÞŐÁÖÒXÒŠUÚT ÒÞVÈ BŮÒÁPCBÞÁÞÁJJFEÓWÁÞUÄÖÒVCEŠŪÁÖCKÒÞÁZU ŪÓWWÒÖÁPÒÜÒBÁÞŌŠWÖÒÙÁZUÜT ÖÜÁOUÁJÁÁ
Location Detail: GÁU Ecological: ΦÁ Threat: ΦÔ General: GÁ ÔUS Owner/Manager: ÚX\ Occurrence No. Ì Occ Rank: W;\	UŠÝÕUÞÙÁT ŒÚŮÒÖÁÐAÁPÒÁÜY ÁFÐÁJ ĎUŒÌVŒŠÁUŒĎÒÁÜÖÜWÓÁY ŒPÁFWT Ò NÜÒŒÌVÒÖÄÜÒÖÜÒŒYŒJÞŒŠÁWÙÒÁYPÜĊ ÚŠŒÞVÙÁUÒÓÞÁÐÁFJJGÁÖÜÐSTŒÞÞË ŠŠÖÒVŒJÞÙÁZÜUTÁÜŒÞÁJÖÖÜUÁÆÞÖ/ ✓ MapIndex: €FÏ €€ }[,}	ZÁÙÒÔVQUÞÁSGÁTEÓÖUÜÖQÞÖÁVUÁTEÁFJJGÁT CEÚÁZÜUT ÁÓ ÜUWÙÁA-UÞÉ-CEVOXÒÁÖÜCEÙÙÒÙÈ XCEVÒÞÙÁÖWÒÁVUÁÞÒCEÚÓŸÁÖUŠZÁÖUWÜÙÒÁTEÞÖÁFUWÙ ÖWÜGÁIVCEVÓÙÁ/PCEVÁ/PÒÜÒÁTEÜÓÁZÖY ÖÜÁJŠCEÞVÜÁFÖ ÁUCEÞÁÚÒÖÜUÁPCESÁVZÖUT ÁFJEHÁTEÞÖÁFJHFÁTSŠÙUÁTEVVÍ	ÜQÞST CEÞÞEÖMÜGE IQÞÓÁÖÒXÒŠUÚT ÒÞVÈ ÜÒÁPCEÞÁÐÁFJJFEEÓMÁÞUÁÖÒVCESSÚÁÖQKÒÞÁÐ ÙQÓMVÒÓÁPÒÜÓBÁÐÞÖSWÖÖÙÁÐUÜT ÖÜÁÐUÁÚÁÁ —— Dates Last Seen Element: FJ€HĒFŒFÍ
Location Detail: GÁU Ecological: ΦÁ Threat: ΦÓ General: GÁI ÔUS Owner/Manager: ÚXV Occurrence No. Ì Occ Rank: W;\ Origin: Þæð	UŠÝÕU ÞÙÁT ŒÚŮÒÖÁÐAÁP ÒÁJY ÁFÐÁJ ĎU ŒÍVŒŠÁUŒĎÓÄJÔÜWÓÁY ŒYÞÁFWT ÒÍ NÜ ÒŒÌVÒĞÄJÒÖDÐÓŒYŒJÞŒŠÁVÙÖÁPPÜÖ ÚŠŒÞVÙÁJÒÒÞÁÐÁFJJŒÁÖÜŒ STŒÞÞË ŠŠÖÔVŒJÞÜÁZÜUTÁJŒÞÁJÒÖÜUÁÐBÖ/ / Map Index: €FÏ €€ }[,} \$ [æ]ÐÞææ§^Á; && ∐^} &^	ZÁÙÒÔVQUÞÁSGÁTEÓÖUÜÖQÞÖÁVUÁTEÁFJJGÁT CEÚÁZÜUT ÁÓ ÜUWÙÁA-UÞÉ-CEVOXÒÁÖÜCEÙÙÒÙÈ XCEVÒÞÙÁÖWÒÁVUÁÞÒCEÚÓŸÁÖUŠZÁÖUWÜÙÒÁTEÞÖÁFUWÙ ÖWÜGÜWCEVÖÙÁ/PCEVÁ/PÒÜÒÁTEÜÖÁZÖY ÖÜÁJŠCEÞVÜÁFÖ ÁUCEÞÁÚÒÖÜUÁPCESÁVZÖUT ÁFJEHÁTEÞÖÁFJHFÁTSŠÙUÁTEVVÍ	ÜQÞST CEÞÞEÓWÙGĒ IQÞŐÁÖÒXÒŠUÚT ÒÞVÈ BŮÒÁPCBÞÁÞÁJJFEÓWWÁÞUÄÖÒVCEŠŪÁÖCKÒÞÁZU ÜGÓWVÒÖÆÖÜÒÐÁÐÞÖSWÖÖÙÁZUÜT ÖÜÆÜUÁJÁÁ —— Dates Last Seen ———
Location Detail: GÁU Ecological: ΦÁ Threat: ΦÔ General: GÁ ÔUS Owner/Manager: ÚX\ Occurrence No. Ì Occ Rank: W;\	UŠŸÕUÞÙÁT ŒŰÜÒÖÁŒÀPÒÄJY ÁTÐÁJ ĎUŒÍVŒŠÄUŒÕÕÄJÖÜWÓÁY ŒYPÁFWT ÒÍ ÜÖŒÏVŒŚÄUŒÕÕÄJÖÜWÓÁY ŒYPÁFWT ÒÍ ÜÖŒÏVÒÖÄJÖÖDFÁÆÁFJJŒÍÁÜŒ STŒÞÞÍÍ ŠŠÖÐVÜÄJÖÒÞÁÐÁFJJŒÍÁÜŒ STŒÞÞÍÍ ŠŠÖÖVŒJÞÜÁZÜUTÄÜŒÞÁJÖÖÜUÁÆÐÖÆ Map Index: €FÍ €€ }[,} ;[a‡BÞææãç^Á; &&;! ^} &^ •~{ ^àÄÖ¢æà c	ZÁÙÒÔVQUÞÁSGÁTEÓÖUÜÖQÞÖÁVUÁTEÁFJJGÁT CEÚÁZÜUT ÁÓ ÜUWÙÁA-UÞÉ-CEVOXÒÁÖÜCEÙÙÒÙÈ XCEVÒÞÙÁÖWÒÁVUÁÞÒCEÚÓŸÁÖUŠZÁÖUWÜÙÒÁTEÞÖÁFUWÙ ÖWÜGÜWCEVÖÙÁ/PCEVÁ/PÒÜÒÁTEÜÖÁZÖY ÖÜÁJŠCEÞVÜÁFÖ ÁUCEÞÁÚÒÖÜUÁPCESÁVZÖUT ÁFJEHÁTEÞÖÁFJHFÁTSŠÙUÁTEVVÍ	ÜQÞST CEÞÞEÖMÜGE IQÞÓÁÖÒXÒŠUÚT ÒÞVÈ ÜÒÁPCEÞÁÐÁFJJFEEÓMÁÞUÁÖÒVCESSÚÁÖQKÒÞÁÐ ÙQÓMVÒÓÁPÒÜÓBÁÐÞÖSWÖÖÙÁÐUÜT ÖÜÁÐUÁÚÁÁ —— Dates Last Seen Element: FJ€HĒFŒFÍ
Location Detail: GÁU Ecological: ΦÆ Threat: ΦÔ General: GÁ ÔUS Owner/Manager: ÚX\ Occurrence No. Ì Occ Rank: W;\ Origin: Þæ Presence: Ú!^• Trend: W;\	UŠÝÕUÞÙÁT ŒÚŮÒÖÁÐÁPÒÁJY ÁTÐÁJ DUŒÍVŒÁJŒĎÓÁJÖÜWÓÁY ŒPÁFWTÒÍ DÜŒÍVŒÁJŒÓÖÄJÖÖWÐÞŒŚAWÒÒÁPÜĊ ÚŠŒÞVŮÁJÖÓÞÁÐÁFJJGÁÖÜÐSTŒÞÞÉ ŠŠÖÖVØJÞÙÁZÜUTÁJŒÞÁJÖÖÜUÁŒÞÖ/	2ΑὖΟΟΝΟΨΗ ΑCCADEΟΟ UÜΘΦΟ Α΄ UADAFJJGAT CEJAQÜUT AÖ ÜUWÀA UP BECEVOX Ο Α΄ Ο ÜÜBÜÖÜE DOEVOPÜA WOA UAP Ο CEJÓY AĞU SOA'OUWÜÜÖ ADBEÖAPUWÜ ÖWÜGÜNCEVÖÜA PECEVA POÜÖ ACEJÖAZÖY ÖÜAÜSOBEVÜAP Ö ÄVODEAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI ALCEPAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI	ÜÜQPST (BEÞEÓWÚGÉ ÍQPŐÁÖÒXÒŠUÚT ÒÞVÈ ÜÜÒÁPGBÞÁÐÁFJJFEÁÓWÁÞUÄÖÒVGESÍÚÁÖQKÒÞÁÐ, ÜÖMWÒÖÁPÒÜÒÉÁDPÔŠWÖÖÜÁÐUÜT ÖÜÁÖUÁÚÁÁ —— Dates Last Seen —— Element: FJ⊖HÉF€ÉTÍ Site: FJ⊖HÉF€ÉTÍ
Location Detail: GÁU Ecological: ΦÆ Threat: ΦÔ General: GÁ ÖUS Owner/Manager: ÚX\ Occurrence No. Ì Occ Rank: W\ Origin: Þæ Presence: Ú'\ Trend: W\ Quad Summary: V[UŠÝÕUÞÙÁT ŒÚŮÒÖÁTÞÁPPÁÜY ÁTÐÁJ ĎUŒÍVŒŠÁUŒĎÓÄÜÖÜWÓÁY ŒYPÁFWT ÒÍ ÜÖŒÙVŒŠÁUŒĎÓÄÜÖÜWÓAY ŒYPÁFWT ÒÍ ÜÖŒÐVÜÄÜÖÖÞÁTÞÁTJŒÁÖÜŒPST ŒÞÞÉ ŠŠÖÖVŒJÞÜÄÜÜTÄÜŒPÁJÖÖÜUÁŒPÖ/ Map Index: €FÍ €€ }[,} \$!adPæætayÁ,8&*!!^}&^ *{^áÁÖ¢æd;c}; }[,} æ) &^ÁÇHFFÍÏHEEJ€ÖŒÄÜ^á[}á[ÁÓ^æ&&	2ΑὖΟΟΝΟΨΗ ΑCCADEΟΟ UÜΘΦΟ Α΄ UADAFJJGAT CEJAQÜUT AÖ ÜUWÀA UP BECEVOX Ο Α΄ Ο ÜÜBÜÖÜE DOEVOPÜA WOA UAP Ο CEJÓY AĞU SOA'OUWÜÜÖ ADBEÖAPUWÜ ÖWÜGÜNCEVÖÜA PECEVA POÜÖ ACEJÖAZÖY ÖÜAÜSOBEVÜAP Ö ÄVODEAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI ALCEPAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI	ÜÜQPST (BEÞEÓWÚGÉ ÍQPŐÁÖÒXÒŠUÚT ÒÞVÈ ÜÜÒÁPGBÞÁÐÁFJJFEÁÓWÁÞUÄÖÒVGESÍÚÁÖQKÒÞÁÐ, ÜÖMWÒÖÁPÒÜÒÉÁDPÔŠWÖÖÜÁÐUÜT ÖÜÁÖUÁÚÁÁ —— Dates Last Seen —— Element: FJ⊖HÉF€ÉTÍ Site: FJ⊖HÉF€ÉTÍ
Location Detail: GÁU Ecological: ΦÆ Threat: ΦÔ General: GÁI OUS Owner/Manager: ÚX\ Occurrence No. Ì Occ Rank: W;\ Origin: Þæ Presence: Ú;\ Trend: W;\ Quad Summary: V[!! County Summary: Š[•.	UŠÝÕUÞŮÁT ŒŰŮÒÖÁÐÞÁPÒÁJY ÁTÐÁJ DUŒÍVŒŠÁUŒÕÓÄÜÖÜWÓÁY ŒYPÁFWTÖÖ DÜÖŒÌVŒŠÁUŒÕÓÄÜÖÜWÓFŒ ŒYPÁFWTÖÖ ÜÖŒBVÙÄÜÖÖÞÁÐÁFJJŒÁÜÜÐFSTŒÞÞË ŠŠÖÔVØJÞÙÁZÜUTÄÜŒÞÁÜÖÖÜUÁŒÞÖ/	2ΑὖΟΟΝΟΨΗ ΑCCADEΟΟ UÜΘΦΟ Α΄ UADAFJJGAT CEJAQÜUT AÖ ÜUWÀA UP BECEVOX Ο Α΄ Ο ÜÜBÜÖÜE DOEVOPÜA WOA UAP Ο CEJÓY AĞU SOA'OUWÜÜÖ ADBEÖAPUWÜ ÖWÜGÜNCEVÖÜA PECEVA POÜÖ ACEJÖAZÖY ÖÜAÜSOBEVÜAP Ö ÄVODEAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI ALCEPAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI	ÜOPST ŒÞÞÉÓNÚŒÍ ŒŌÁÖÒXÒŠUÚT ÒÞVÈ ÜÒÁPŒÞÁÞÁFJJFÆÓWÁÞUÄÖÒVŒŠÚÁÖQKÒÞÁÐ, ÜÖÁPŒÞÁÞÁÞÁÐÁÐÖŠWÖÖÜÁÐUÜT ÖÜÁÖUÁÚÁÁÁ —— Dates Last Seen ——————————————————————————————————
Location Detail: GÁU Ecological: ΦÆ Threat: ΦÔ General: GÁ ÖUS Owner/Manager: ÚX\ Occurrence No. Ì Occ Rank: W\ Origin: Þæ Presence: Ú;^^ Trend: W\ Quad Summary: V[;;] County Summary: Š[•.]	UŠŸÕUÞÙÁT ŒŰŮÒÖÁTÞÁPPÁÜY ÁTÐÁJ ĎUŒÍVŒŠÁUŒĎÓÄÜÖÜWÓÁY ŒYPÁFWT ÖÖ ÜÖŒÏVŒŠÁUŒĎÓÄÜÖÜWÓAY ŒYPÁFWT ÖÖ ÜÖŒBVŮÄÜÖÖÞÁTÞÁTJŒJÆÖÜŒPSTŒÞÞÉ ŠŠÖÖVØJÞÙÁZÜUT ÄÜŒPÁÜÖÜUÁTÞÖ/	2ΑὖΟΟΝΟΨΗ ΑCCADEΟΟ UÜΘΦΟ Α΄ UADAFJJGAT CEJAQÜUT AÖ ÜUWÀA UP BECEVOX Ο Α΄ Ο ÜÜBÜÖÜE DOEVOPÜA WOA UAP Ο CEJÓY AĞU SOA'OUWÜÜÖ ADBEÖAPUWÜ ÖWÜGÜNCEVÖÜA PECEVA POÜÖ ACEJÖAZÖY ÖÜAÜSOBEVÜAP Ö ÄVODEAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI ALCEPAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI	ÜĞPST (BPÞÉÓNÚĞE IQPÕÁÖÒXÒŠUÚT ÒÞVÈ IQPÕÁÖÒXÒŠUÚT ÒÞVÈ IQPÕÁÖÒXÒĞPÁÇIJFŒÓWÁÞUÁÖÒVŒŠÜÁÖQXÒÞÁØ, IQPÓWÒÖÁPÒÜÒŒÓPÖŠWÖÖÜÁØUÜT ÖÜÁÖUÀÚÁÁ —— Dates Last Seen —— Element: FJ⊖HF⊖EFÍ Site: FJ⊖HF⊖EFÍ Record Last Updated: FJJÎĒEGĒFG
Location Detail: GÁU Ecological: ΦÆ Threat: ΦÔ General: GÁ ÖUS Owner/Manager: ÚX\ Occ Rank: W;\ Origin: Þæ Presence: Ú;\ Trend: W;\ Quad Summary: V[;; County Summary: Š[•, Lat/Long: Hæ UTM: Z[}	UŠÝÕUÞÙÁT ŒŰŮÒÖÁTÞÁPPÁÜY ÁFÐÁJ ĎUŒÍVŒŠÁUŒĎÓÄÜÖÜWÓÁY ŒYPÁFWT ÒĬ ÜÜÖŒÙVŒŠÁUŒĎÓÄÜÖÜWÓÁY ŒYPÁFWT ÒĬ ÜÖŒÐVŮÄÜÖÖÞÁTÞÁTJŒÁÖÜŒÞST ŒÞÞÉ ŠŠÖÓVŒJÞÙÁÜÖÖÞÁTÞÁTJŒÁÖÜŒÞST ŒÞÞÉ ŠŠÖÓVŒJÞÙÁÖÜUTÁJŒÞÁJÖÖÜUÁŒÞÖ/ / Map Index: €FÍ €€ }[,} š!adPææætp^Á,&&`!!^}&^ *{ ^áÅÖ¢æð;c }[,} að &^ÁÇHFFÍÏHÆEJ€ÖŒÄÜ^á[}á[ÁÓ^æ&& ÁŒ;*^ ^• È GJGFÓÁÐÆFÍÈÐEÚÍÍó *^ÉFFÁÞHIIÐÍÍÓHÍFHGH	2ÂÙÒÒVQU ÞÁGGÁDÓÒUÜÖQÞÖÁUÁDÁFJJGÁT ŒJÁZÜUT ÁÖ ÜUWÙÁÞU ÞÉPŒYOXÒÁÖÜŒÐÙÒÙÈ DŒYÒÞÙÁÖWÒÁUÁÞÒŒJÓYÁÖU ŠZÁÖUWÜÙÒÁDBÖÁFUWÙ ĎWÙŒJWŒYÒÙÁYPŒYÁYPÒÜÒÁDÐÒÁZÒYÖÜÁJSŒBYÜÁFÒ ÂŬŒÞÁŨÒÖÜUÁPŒŠŠÙÁZÜUTÁFJŒJÁDBÖÁFJHFÁDŠÙUÁDEWN EO Index: ÏÍJ	ÜQÞST (ÞÞÞÖ)NÚGÈ IQPÕÁÖÒXÒŠUÚT ÒÞVÈ IQPÕÁÖÒXÒŠUÚT ÒÞVÈ IQPÕÁÖQÞÁÞÆÞÁJJFŘÓNMÁÞUÄÖÓVŒŠŠÚÁÖQXÒÞÁÐÁ IQPÓMÖÖÁPÖÖÖŘÐÞÖŠMÖÖÜÁÐUÜT ÖÜÁÖUÀÚÁ Á — Dates Last Seen Element: FJ⊖HF⊕FÍ Site: FJ⊖HF⊕FÍ Record Last Updated: FJJÎĒ⊞GFG Township: ﴿∃Û Range: FIY
Location Detail: GÁU Ecological: ΦÆ Threat: ΦÔ General: GÁ ÖUS Owner/Manager: ÚX\ Occurrence No. Ì Occ Rank: W\ Origin: Þæ Presence: Ú;^^ Trend: W\ Quad Summary: V[;;] County Summary: Š[•.]	UŠŸÕUÞŮÁT ŒŰŰÖÖÁÐAPÖÁÜY ÁTÐÁU ĎUŒÍVŒŠÁUŒÕÓÄÜÖÜWÓÁY ŒYPÁFWIT ÖÜ ÜÖŒÜÖÖÄÜÖÖÄÜÖÖÄÜÞŒŠÁÜÖÖWÓÁY ÖP ÜÖŒÜYÖÄÜÖÖÄÄÖÖÄÄÄÄÄÄÄÄÄÖÖÄÜÜÄÄÄÜÖÖÄÜÜÄÄÖÜ	2ΑὖΟΟΝΟΨΗ ΑCCADEΟΟ UÜΘΦΟ Α΄ UADAFJJGAT CEJAQÜUT AÖ ÜUWÀA UP BECEVOX Ο Α΄ Ο ÜÜBÜÖÜE DOEVOPÜA WOA UAP Ο CEJÓY AĞU SOA'OUWÜÜÖ ADBEÖAPUWÜ ÖWÜGÜNCEVÖÜA PECEVA POÜÖ ACEJÖAZÖY ÖÜAÜSOBEVÜAP Ö ÄVODEAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI ALCEPAÜÖÖÜUAP CESSÜAQÜUT AFJEHADBÖAFJHFADSÜÜACEVVI	ÜQÞST (ÞÞÞÉÓNÚGÉ IQÞŐÁÖÒXÒŠUÚT ÒÞVÈ IQÞÓÁPQBÁÐÁFJJFÆÓWÁÞUÁÖÒVŒSŠÚÁÖQKÒÞÁÐ. IQÓMVÒÖÁPÒÜÒÆÐÞÖŠWÖÒÚÁÐUÜT ÒÜÁÜUÁÚÁÁ — Dates Last Seen Element: FJ⊖∰FŒFÍ Site: FJ⊖∰FŒFÍ Record Last Updated: FJJÎÆGÆFG

Owner/Manager: WPSPUY P

Atriplex parishii			
Úælão@eÁalãod,^∙8æ4^		Element Co	ode: ÚÖÔPÒ€I FÖ€
Status	— ND	DB Element Ranks	— Other Lists ———
Federal: Þ[}^		Global: ÕFÕG	CNPS List: FÓÈ
State: Þ[}^		State: ÙF	
Habitat Associations			
General: OŠSOŠOÁT ÒOĐŮY ÙÉ	ÁK ÒÜ ÞOSÁÚU U ŠÙÉÁÔ PÒ ÞU ÚU ÖÁ Ù Ô I	ÜWÓBÁÚŠŒŸŒÙÈ	
Micro: Wiwossy Albabily	ÞŐÁQĞSOĞØÖSOEVÙÁY QVPÁØQÞÒÁÙU QŠ	i) iŘÁCÍ II: LEEÁT È	
	C. LLC CLOCK CO. I. C. I.		
Occurrence No. J	Map Index: ∉FÏ €€	EO Index: FI €F	Dates Last Seen
Occ Rank: W}\}[,}			Element: ÝÝÝÝĚÝÝ
Origin: Þæč¦æ∰D∞æ	ãç^Á(&&` ^ } &^		Site: ÝÝÝÝĚÝÝ
Presence: Ú¦^∙ˇ{ ^åÁ	Ò¢œa) c		" > " >
Trend: W}\}[,}			Record Last Updated: G€€J ÉE ÉE
Quad Summary: V[::: æ} &^ Æ	HFFÌÏHBEJ€ÖDÂÜ^å[}å[ÁÓ^æ&@ÁÇHF	FÌÏIÆEJ€ÔD	
County Summary: Š[•ÁŒ; *^ ^	•		
Lat/Long: H-tÈGJGFóÁ	ÁËFÌÈU€ÍÎó		Township:
UTM: Z[}^ËFÁÞI	HÍII€ÌÌÁÒHÍFHGH		Range: FIY
Radius: FÁ 4^		Mapping Precision ÞU ÞËÙÚÒÔŒÔ	Section: Fì Qtr: ÝÝ
Elevation: Í €Ác		Symbol Type:ÚU ♠ ∨	Meridian: Ù

Location: ÜÒÖUÞÖUÁÇÓÒŒÔPÑŒ

Location Detail: ÒÝŒÔVÆUÔŒ/QU ÞÁNÞSÞUY ÞĚTŒÚÚÒÖÁÓŸÁÔÞÖÖÓÁŒÌÁÓÒÙVÆŨWÒÙÙÁŒ/ÄÜÒÖUÞÖUÁÓÒŒÔPÈ

General: T ŒP ÂÙU WÜ Ô ÒÁU ØÄSU ÔŒ/QU ÞÁP ØU ÜT Œ/QU ÞÁQU ÜÁ/P QÙÁU QÁÞQÒÁQÚÁÐÐÁNÞ ÖŒ/ÒÕÁÓÜ ŒNÞVU ÞÁÔU ŠŠÒÔVQU ÞÉÞ ÒÒÖ ÙÁØQÒŠÖY U ÜSÈ

Owner/Manager: WÞSÞUY Þ

Öæçãã•[} ©Á æ ¢∘ &æ∤^		Elem	nent Code: ÚÖÔPÒ€I FVF
Status —	NDE	DB Element Ranks ————————————————————————————————————	Other Lists
Federal: þ[}^	G	Blobal: ÕÍ VƠÑ	CNPS List: FÓÈG
State: Þ[}^		State: ÙGÑ	
Habitat Associations	· ————————————————————————————————————		
General: ÔUŒÙVŒŠÁÓŠWØØ	NÔÜW ÓÉ ÔUŒÙVŒŠÁNÔÜWÓÈ		
Micro: ŒSSŒSŒ ÒÂÙUŒSËÄ	EGÍ€TÈ		
Occurrence No. H	Map Index: H Í JG	EO Index: GÍH	— Dates Last Seen —
Occ Rank: Þ[}^			Element: FJ€ÎËEÎËEG
Origin: Þæč¦æ∰D	æãç^Á(&&`¦¦^}&^		Site: FJ€ÎËEÎËEG
Presence: Ú[••ãa ^Á	Ò¢cãi]æe^å		
Trend: W}\}[,}			Record Last Updated: 🏵 🖼 🛱
Quad Summary: V[æ) &\^	ÇHHFFÌÏHBEJ€ÖDÂÛæ)ÁÚ^å¦[ÁÇHHFFÌÎHB	EÏ HŒD	
County Summary: Š[• ÁC] * ^	۸٠		
Lot/Long. LLTLLL	(hitti iti) e (c)		Township:
Lat/Long: ⊢HËHÎ∣∣	ONEMETE I LEGI €J GO		iowiisiiip. $\exists i \cup i$

Location: ÙŒÞÁÚÒÖÜUÈ

Radius: FÁ 4^

Elevation:

Threat: \$G\$!! OCCEP(GP) SY (A)OXOSU UOO A) QP OS (A)OXOSU UOO A)QP OO ASOSU VAUOUOU UCCEVOO EST (A)OXOSU UOO ASOSU VAUOUO CONTROL (A)OXOSU VAUOUO

Mapping Precision ÞU ÞËÙÚÒÔŒ®

Symbol Type:ÚU ௸ ∨

Owner/Manager: WPSPUY P

Qtr: ÝÝ

Section: Fì

Meridian: Ù

Natural Diversity Database
Full Condensed Report for Selected Elements - Multiple Records per Page

	-					
ntromadia parryi ssp. australis						
•[ˇc@^¦}Ásæal] æa)c			Element Code: ÚÖ	ÖŒÙVI Ü€ÚI		
Status —	NI	DDB Element Ranks		Other Lists		
Federal: Þ[}^		Global: ÕI VG		CNPS L	ist: FÓÈF	
State: Þ[}^		State: ÙG				
Habitat Associations						
General: ŢŒÜÙPÒÙÁŒĐÖÁÙYŒTÚÙÁ	ŢŒŰÕOÞÙDÐÁKŒŠŠÒŸÁŒÞÖÁK	ZUUVPOŠŠÁÕÜOEÙÙŠOEÞÖÈ				
Micro: UØVÒÞÁÐÞÁÖÐVWÜÓÒÖÁÚQV	ÒÙÁÞÒŒÜÁ/PÒÆÔUŒÙVÆŒVÆ	T CEÜÜPÁÖÖŐÖÙLÁCEŠÜUÁGÞÁCEŠS	SOEŠODO ÒÁÙU OŠÙÁÙU T ÒVOT ÒÙA	ÁYOVPÁÙOBŠVÕ	ÜŒÙÙ ÈÁ ÛL	XÀ 4 LÀ ÚÓ TĐ VỚ TI
Occurrence No. H	Map Index: HÍ HÎ Ì	F0 Indon 110	2.0		Dates Las	et Coon
	Map Index: H H I	EO Index: H€	EI G			G€€FËÈÌËG
Occ Rank: Øesi	110.00					G€€FËÈÌËG
Origin: Þæč¦æ;tÞææãç^Á;&&č Presence: Ú¦^∙*{ ^å/Ô¢æ}c	ii^} &^				Site.	Geertei 1839
				Record Last	Undated:	Q⊖EÎ ËEFËGÎ
Trend: W ₃ \}[,}				ricoora East	opuutou.	OCCI EL EL
Quad Summary: V[æ) & ÁÇHFFÌ Ï	BEJ€ÖD					
County Summary: Š[• ÁŒ; *^ ^•						
Lat/Long: HHĒÏÏIJÓÁĀĒFÌÈG	JÎ J€ó			Township:	€ÍÙ	
UTM: Z[}^ËFÁÞHÏHÌGI€	<u>∄ÁÖH</u> ÏJJFÌ			Range:	FIY	
Area:		Mapping Precision	U ÞËÙÚÒÔŒŒÔ	Section:	€F	Qtr: ÝÝ
Elevation: ŒÁc		Symbol Type:	JUŠŸÕUÞ	Meridian:	Ù	
Location: Œ/ÁPŒŰÓUŰÆŒŜĊ	DÁÜÒÕQUÞOĞŠÁÚŒÜSÁBÁŒVÁVF	PÒÁÞŒKŒŠÁÖÒØÒÞÙÒÁØWÒŠÁÙ	NÚÚUÜVÁÚU O⊳VÈÄŠUÙÁŒÞÕÒ)ŠÒÙÈ		
Location Detail: GÂÛUŠU Þ ØÙÜÐÁÔÚ U ØÁ/PÒÁÔÒØÒÞÙÒ	JŠUÞŸÁÒJÁĴUWVPYÖÙVÁJA ĎÁZWÒŠÁĴWŰŰUÜVÁĴUOÞVĚÁ		JŠŠÒÕÒÁŒŠUÞÕÁ/ÜŒŠŠÙĖÁ/	ÁÔUŠUÞŸÁTO	EÚÚÒÖÁÓŸÁ	ÔÞÖÖÓÁU ÁÔU XÒ
Ecological: @ ÁÞŒÜÜUY ÁÚVÜÓ ÙŒŠÙU ŠŒÆŒNÙVÜÓ	ÚÁÓÒVY ÒÒÞÆUY ÒÜÁTŒÜÜ EŠÒÙÉÓŒÙٌƟÙÙUÚŒUŠ	ÙPÁGEÞÖÁT WŠÒÁZGEVÁÐÁY GŠŠUY ŠODÐÁÓÜGEÙÙÓÐGÐÁÞÓÐÜGÐÁPÓJÙG	ÁZUÞÒÐÁÖÜUY ÙÁT OEÐÞŠŸÁY ÔPØÒŠÖQDÁÐÞ ÔOÐÞOÐÁÐSVÜÐÚŠ	QYPÁÖÖÜVŐÖPS ÖYÁÜÖTŐÖŒŐ	ŠOÙÁÙÚÓÔCE ÔCEVOEÁCEÞI	√ŒÁDÞÁŒÖÖQVQUÞÁ ÞWŒŠÁÕÜŒÙÙÒÙÉÉ
Threat: VÜŒŠÙĒÛPÒŠVÒÜ	iÙÁQUÜÁVÜŒÐÙŒÒÞVÙÁJÔÔ	WÜÁO⊳ÁŒÜÒŒŒŒUWÞÖÁÒÁÔUŠ	U Þ Ÿ ÈÁT GŠQVOÐÜ ŸÁU Ú ÒÜ OÐVQU	ÞÙÁTOBŸÁÒØØ	ÒÔVÁY ÁÔU	ŠUÞŸÈ
		OĐÙ VÁ ÔU ŠU ÞÝ ĐÁY ÒÙ VÁ ÔU ŠU Þ	YÁT ŒÚÚÒÖÁÓŒÙÒÖÁJÞÁYY ÁVPÒÁÞŒXŒXÄÜÒÙÒÜXŒVŒJE		JÞÙÁÓŸÁRÐ	ĬŎŎUÜÕÒ É MÞÔÒÜ

Owner/Manager: ÖUÖËÞŒXŸĒÂÔQYŸÁJØÆŠUÙÆÆÞÕÒŠÒÙ

Occurrence No. H Occ Rank: W _i \}[, }	Map Index: HJÍÌH	EO Index: H í Ì Í	— Dates Last Seen ———— Element: Œ€JËFËÊ
Origin: Þæð¦æ∰BÞæã	:^Á.88ĭ ^} &^		Site: Œ€JËFËÊÎ
Presence: Ú¦^•ˇ{ ^åÆ\ Trend: W}\}[,}			Record Last Updated: O€FGEG EFG
Quad Summary: V[;; æ) &^ÁÇ+1	FFÌÏHB€J€ÖD		
County Summary: Š[• ÁŒ; *^ ^•			
Lat/Long: HHÈGÏ€ÍÓÁÐ	ËFFÌÈHIGI€ó		Township: € Ù
UTM: Z[}∧ËFFÆH	ÍΙΗΪJ€ÁÒHÏÍÏΪΪ		Range: FIY
Area:		Mapping PrecisionÞUÞËÙÚÒÔŒÔ	Section: FÍ Qtr: ÚY
Elevation: ÏÍÁc		Symbol Type:ÚUŠŸÕUÞ	Meridian: Ù

Location Detail: T ŒÚŮÒÖÁŒÔÔUÜÖΦÕÁVUÁŒŤ ŒÚÁJÜUXŌÖÖÖÁÞÞÁŒŤJJÏ ÁJÒÚUÜVÁÓŸÁÕŒÜÖΦÒÜÈ

Ecological: ŒŠUÞŐÁP ÒÁÞÞÖÜÁÐÞÖÚÁÐÞÖÁJWÒÜÁDÖÖÒÙÁJØÁJÒXÒÜŒŠÁĞŒŰŐÒÁXÒÜÞŒŠÁÚUUŠÙÉÆÐÞWŒŠÁÖÜŒÙÙŠŒÞÖÉÆY ŒŠSUY ÁY UUÖŠŒÞÖÆÆÞÖÁÐUŒÌVŒŠÁŪŒĎÒ ÙÔÜWÓÈ

General: ŮÓXÒÜŒŚÁPUWŮŒÞÖÁÚŚŒÞVŮÁJÓÙÒÜXÒÖÁRÞÁFJJĨ ÉKŒÆG€€JÁÜŒÞÖÒÜÜÁÖUŠŠÒÓVQJÞÁTÐÁŒŠÙUÁŒ5VÜŒÓWWÒÓÁ/UÁ/PQÚÁJÓÓWÜÜÖÞÖÒÉÁÚŠŒÞVÙ ÞUVÒÖÁŒÐÆZŒÐŠŸÁÖUTTUÞÉÄ

Owner/Manager: ÔQ/ŸÁJØÁ/UÜÜŒÞÔÒËTŒÖÜUÞŒÁTŒÜÙP

. . [čo@^\}Ánæd] æo}c		Flement C	Code: ÚÖŒÙVI Ü€ÚI	
Status —	ND	DDB Element Ranks	Other Lists	
Federal: þ[}^		Global: ÕI VG	CNPS List: FÓÈ	
State: Þ[}^		State: ÙG		
Habitat Associations	:			
General: TOÜÜPÒÙÁŒĐÖÁÙY	Y CET ÚÙÁQT CEÜŐ OÞ ÙDÐÁX CEŠŠÒŸÁQEÞÖÁØ	UUVP(ŠŠÁÕÜOEÙÙŠŒÞÖÈ		
Micro: UØVÒÞÁÞÁÖÐÌVWÜ	ÓÒÖÁUQYÒÙÁÞÒŒÜÁVPÒÁÔUŒÙVÁŒVÁT	ŒÜ Ù PÁ Ô Ô Ô Ò Ù LÁDĚ Ù UÁD Á Á Š S CEŠ OP Ô Á ĴU CŠ Ù Á ĴU T	ÒVOTÒÙÁY QYPÁÙOĞVÕÜOEÙÙEÁÛU	T ÒVOT ÒÙÁU ÞÁ
Occurrence No. Ì F	Map Index: FJH	EO Index: ÏÌFGJ	Dates Las	st Seen -
Occ Rank: W}\}[_}			Element:	O€€ÌËF€ËÈÌ
Origin: Þæč¦æ∰D∘a	æãç^Á; &&`¦¦^} &^		Site:	O€€ÌËF€ËÈÌ
Presence: Ú¦^•`{ ^å	ÁÖ¢æ)c			
Trend: W ₃ \}[,}			Record Last Updated:	ŒIJĒFĒ
Quad Summary: V[æ) &^ Á	•			
County Summary: Š[• Æ * ^				
Lat/Long: H-Èil Gi€			Township: € Ù	
• •	ÞHÍ IÍÍ FFÁÖHÏÎJIH	Manusius Baratatanki i kili jakawa	Range: FIY	O `\\
Area: Elevation: ÎÍÁc		Mapping PrecisionÞUÞЁJÚÒÔŒÓ Symbol Type:ÚUŠŸÕUÞ	Section: F€ Meridian: Ù	Qtr: ÙÒ
Location Detail: ∀ÜŒPÕW	ŠŒÜÁÚŒÜÔÒŠÁÙUWPÁUØÁÖUYÁÔPÒ	ÞÁY ÁGEÌ YPÁÙVÉÁÐÞÖÁÖUT ΦÞÖWÒZÁŮVÉÉÁUUÜÜGÐÞ OT ÓÐGÉÁGGÐÓGSOYTÉÁÐÚÚUYÉÁFÉ ÁÐÐÚÁT GSÓÙÁJUW NIVAÐ ÍÐUU GOÐÐÁ ÁGGTÖÐÁÐS ÁÐ NIVATIÁÐÁ ÁGUÐ	VPÁUØÁL€ÍÁØÜÒÒYŒŸÈ	
Location Detail: \ບິໝີຍົດີW Ecological: PໝືPŠŸ ໄດ້ T ໝືຍ\ບໝີ General: UÞŠŸÂJU'	ŠŒÜÁUŒŰÔÒŠÁUUWPÁJØÄÖUY ÁÖPÒ ÒÒWWÜÓÒÖÁQUÜT ÒÜÁVŒÞSÁŒŒT LÁ ÞÒÓÁŒJÁJÚÓÞÁY ŒÍVÒDÍSŒÞÖÉY GYP WÜÔÒÁJØÁÞØUÜT ŒVQJÞÁQUÜÁPQÌ		vPÁJØÁL€ÍÁZÜÖÖYOSPÉ ÍVÖÖÁÖÜOSKÖŠÉÉÓWÁÞOSVOKÖÁÚŠO	
Location Detail: VÜ呱卧ŌW Ecological: P ⑩ P ŠŸ ÄC T 研かソ研 General: リトŠŸ ÄJU' Owner/Manager: WÞ SÞU Y	ŠŒŰÁÚŒŰÔĊŠÁŮUWPÁJØÄÖUY ÁÖPĊ ŠŒŰÁŰŒŮÔĊÁØUÜT ĊŰÁŒPSÁŒŰT LÁ PĊÓÁŒĴÁJÚĊÞÁY ŒÍVÖDŠŒPĊĒY QYP WŮÔÒÁJØÁPØUÜTŒVØJÞÁØUÜÁPØÙ Þ	OT CÓ CISÁRCIÓ GÓ OY PÉREÚÜÜU Y BÉFÉ ÁRBÓ ÁT GÓ Ó AÑUUW ÙU GÁNNÜ (2000 Ó ASCEÚ Ó Ó SY AÖUX Ó UÖ Ó Ó ÓY ÁT ÚU Ü ÁDÜUT WÜBEFUÜÖÖNNT BÂUCB ÓU SOBÁRBYÜ Ó IS ÓY ÁN ÁJÓ Ó OWÜÜÖÞÓ Ó ABÍASERÍ ÁT (3BS Ó ÁGU ŠSÓ Ó VOUÞE	NPÁJØÁ EÍ ÁQÜÖÖY CEYÈ NYÖÖÄÖÜCIKÖŠÉKÖNNÁPCISYOKÖÁJŠI ÖT CÓCCÉÖCISYCEÉR ÖVÖÜÜVP ÖÖCEÁ	ÕÜŒPÖŒĞUÜŒ
Location Detail: VÜ呱卧 ÖW Ecological: P ⑩ P 鄧 P 答 T 研かV研 General: リウ Š Y 弟リリ Owner/Manager: WP S P U Y	ŠŒÜÁUŒŰÔÒŠÁUUWPÁJØÄÖUY ÁÖPÒ ÒÒWWÜÓÒÖÁQUÜT ÒÜÁVŒÞSÁŒŒT LÁ ÞÒÓÁŒJÁJÚÓÞÁY ŒÍVÒDÍSŒÞÖÉY GYP WÜÔÒÁJØÁÞØUÜT ŒVQJÞÁQUÜÁPQÌ	OT CÓ CESÁRCEÓ GSOY PÁSEÚÚU V PÉFÉ ÁREDÍÁT (SÓ ÚÁÚU W ÚU GSÁUNÚ ACEÓ Ó ASCEÚ Ő Ó SÝ ÁOU X Ó Ú Ó Ö ÁO PÁT ÚU Ú Á Ó ÚUT NÚ ÉFE U Ü Ö ÖNT ÉÐUCSÓU SCEÁRSVÚ OÚ SÓ Ý ÁU	vPÁJØÁL€ÍÁZÜÖÖYOSPÉ ÍVÖÖÁÖÜOSKÖŠÉÉÓWÁÞOSVOKÖÁÚŠO	ÖÜŒÞÖŒĞUÜŒ stSeen
Location Detail: VÜ呱卧ŌW Ecological: P「如下SŸ AC T (死かく)のな General: リトŠŸ ÂJU' Owner/Manager: WÞSÞUY	ŠŒŰÁÚŒŰÔĊŠÁŮUWPÁJØÄÖUY ÁÖPĊ ŠŒŰÁÚŒŮÔĊŎÆUÜT ĊŰÁÆPSÆŒŰT LÁ ÞĊŎÁŒŮÁÚŮÓÞÁY ŒŮVÒDŠŒPĊĒY ŒYP WÜÔÒÁJØÁPØUÜTŒVŒJÞÆUÜÁ/PŒ) Þ Map Index: ÌÎHGG	OT CÓ CISÁRCIÓ GÓ OY PÉREÚÜÜU Y BÉFÉ ÁRBÓ ÁT GÓ Ó AÑUUW ÙU GÁNNÜ (2000 Ó ASCEÚ Ó Ó SY AÖUX Ó UÖ Ó Ó ÓY ÁT ÚU Ü ÁDÜUT WÜBEFUÜÖÖNNT BÂUCB ÓU SOBÁRBYÜ Ó IS ÓY ÁN ÁJÓ Ó OWÜÜÖÞÓ Ó ABÍASERÍ ÁT (3BS Ó ÁGU ŠSÓ Ó VOUÞE	NPÁU ØÁLEÍ ÁÐÜ Ó ÒY ŒYÈ NYÔ Ö ÁÐÜ ŒK Ò ŠĒĞÓNWÁÞ ŒK OK ÒÁUŠ Č ÒT OM ŒÐÔ ŒK OÆÆP Ò VÔ ŬU VP Ò Ô ŒÂ ── Dates Las	ÖÜQE⊳ÖQOĞUÜQ stSeen ———
Location Detail: VÜŒĐŌW Ecological: PỐP ŠỸ Ấ T ŒĐ VŒĐ General: UÞ ŠỸ ẤJU' Owner/Manager: WÞ SÞUY Occurrence No. Ì Í Occ Rank: Õ[[å	ŠŒŰÁUŒŰÔĊŠÄUUWPÁUA/ÖUY ÁÖPĊ ĎŴWŰĊĊĊÁŒUÜT ĊŰÁŒPSÁŒŰTIÁ PÖÁŒŰÁUŮĊÞÁY ŒŮVĊŪŠŒPĊĒŸ ŒP WŰÔĊÁJA/ÁDPAUÜTŒ/ŒJÞÁZUÜÁ/PŒJ P Map Index: ÌĨHGG	OT CÓ CISÁRCIÓ GÓ OY PÉREÚÜÜU Y BÉFÉ ÁRBÓ ÁT GÓ Ó AÑUUW ÙU GÁNNÜ (2000 Ó ASCEÚ Ó Ó SY AÖUX Ó UÖ Ó Ó ÓY ÁT ÚU Ü ÁDÜUT WÜBEFUÜÖÖNNT BÂUCB ÓU SOBÁRBYÜ Ó IS ÓY ÁN ÁJÓ Ó OWÜÜÖÞÓ Ó ABÍASERÍ ÁT (3BS Ó ÁGU ŠSÓ Ó VOUÞE	NPÁJØÁ EÍ ÞØUÖÖY CE'È NYÖÖ ÞÖUCEN ÖSEÓNWÁP CEVOX ÓÁUSC ÒT CÓ CEÓCOS (CEÉP ÖVÖÜU VP ÖÖCEÉ —— Dates Las Element: Site:	ÖÜCEÞÖ ØZŠUÜCE st Seen ——— G∈€JĒEĪĒT ĒTH G∈€JĒEĪĒT
Location Detail: VÜ硕康ŌW Ecological: Pட 例 P. S Y 从 T 证 P V	ŠŒŰÁUŒŰÔĊŠÄUUWPÁUA/ÖUY ÁÖPĊ ĎŴWŰĊĊĊÁŒUÜT ĊŰÁŒPSÁŒŰTIÁ PÖÁŒŰÁUŮĊÞÁY ŒŮVĊŪŠŒPĊĒŸ ŒP WŰÔĊÁJA/ÁDPAUÜTŒ/ŒJÞÁZUÜÁ/PŒJ P Map Index: ÌĨHGG	OT CÓ CISÁRCIÓ GÓ OY PÉREÚÜÜU Y BÉFÉ ÁRBÓ ÁT GÓ Ó AÑUUW ÙU GÁNNÜ (2000 Ó ASCEÚ Ó Ó SY AÖUX Ó UÖ Ó Ó ÓY ÁT ÚU Ü ÁDÜUT WÜBEFUÜÖÖNNT BÂUCB ÓU SOBÁRBYÜ Ó IS ÓY ÁN ÁJÓ Ó OWÜÜÖÞÓ Ó ABÍASERÍ ÁT (3BS Ó ÁGU ŠSÓ Ó VOUÞE	NPÁJØÁ, €Í ÁÐÜÖÖY ŒYÈ NYÒÖÁŌÜŒKÒŠĒÓW ÁÞŒKOKÒÁJŠŒ ÒT ŒIŒŌŒKŒĒĒR ÒVÒÜU VP ÒŌŒÎ —— Dates Las Element:	ÖÜCEÞÖ ØZŠUÜCE st Seen G∈€JĒEĪĒTH G∈€JĒEĪĒTH
Location Detail: VÜ呱卧ŌW Ecological: P项PŠŸÄÜ TŒPVŒP General: UÞŠŸÄÜU Owner/Manager: WÞSÞUY Occurrence No. Ì Í Occ Rank: Ō[[å Origin: Þæč¦ætÞæ Presence: Ú!^• ˇ { ^å Trend: W;\}[, }	ŠŒÜÁÜŒÜÔĊŠÄÜUWPÁJØÄÖUY ÁÖPĊ ŠŒÜÁÜŒÜÔĊŠÄÜÜT ÖÜÁÆB-SÁÆŒÜT LÁ PÖÖÁŒÜÁUÜÖÞÁY ŒÜVÖDÄŒPÖĒY ØYP WÜÔÒÁUØÁD-ØUÜT ŒVØJÞÁØUÜÁYPÓÙ P Map Index: ÌÎHGG PRÆÄYÁ && H^} &^	OT CÓ CISÁRCIÓ GÓ OY PÉREÚÜÜU Y BÉFÉ ÁRBÓ ÁT GÓ Ó AÑUUW ÙU GÁNNÜ (2000 Ó ASCEÚ Ó Ó SY AÖUX Ó UÖ Ó Ó ÓY ÁT ÚU Ü ÁDÜUT WÜBEFUÜÖÖNNT BÂUCB ÓU SOBÁRBYÜ Ó IS ÓY ÁN ÁJÓ Ó OWÜÜÖÞÓ Ó ABÍASERÍ ÁT (3BS Ó ÁGU ŠSÓ Ó VOUÞE	NPÁJØÁ EÍ ÞØUÖÖY CE'È NYÖÖ ÞÖUCEN ÖSEÓNWÁP CEVOX ÓÁUSC ÒT CÓ CEÓCOS (CEÉP ÖVÖÜU VP ÖÖCEÉ —— Dates Las Element: Site:	ÖÜCEÞÖ ØZŠUÜCE st Seen ——— G∈€JĒEĪĒT ĒTH G∈€JĒEĪĒT
Location Detail: VÜ⑪臣 ÖW Ecological: PO PO PS デ だ T C扱 V C C PO PO PS デ だ T C C PO PO PS P	ŠŒŰÁUŒŰÔĊŠÁUUWPÁUØÄUY ÁÖPĊ ĎŴWŰĆĊŎÁŒUÜT ĊÜÁVŒPSÁŒŰTLÁ PŮČÁŒUÁUŮĊÞÁY ŒÚVĊDĬŠŒPĊĨĖV QYP WŰĈŎÁUØÁPØUÜTŒVØJÞÁØUÜÁ/PØJ P Map Index: ÌÎH3G \$\text{Map Index:} \lambda \text{I}H3G	OT CÓ CISÁRCIÓ GÓ OY PÉREÚÜÜU Y BÉFÉ ÁRBÓ ÁT GÓ Ó AÑUUW ÙU GÁNNÜ (2000 Ó ASCEÚ Ó Ó SY AÖUX Ó UÖ Ó Ó ÓY ÁT ÚU Ü ÁDÜUT WÜBEFUÜÖÖNNT BÂUCB ÓU SOBÁRBYÜ Ó IS ÓY ÁN ÁJÓ Ó OWÜÜÖÞÓ Ó ABÍASERÍ ÁT (3BS Ó ÁGU ŠSÓ Ó VOUÞE	NPÁJØÁ EÍ ÞØUÖÖY Œ'È IVÖÖÐÖUŒNÒŚĒÓWÁPŒVŒNÓÁJŚŒ ÖT ŒŒDÔŒVŒĒPŌVÖÜUVPÔŌŒ —— Dates Las Element: Site: Record Last Updated:	ÖÜCEÞÖ ØZŠUÜCE st Seen G∈€JĒEĪĒTH G∈€JĒEĪĒTH
Location Detail: VÜ⑪臣 ÖW Ecological: P⑩P ŠŸ ÅÜ T (扱いの政 General: リウ ŠŸ ÂJU' Owner/Manager: WP SÞU Y Occ Rank: Ō[[å Origin: Þæ: 治母の。 Presence: ヴ/ヘ・ 〈 ^ å Trend: W,\\[,]。 Quad Summary: V[治 & ^ Å County Summary: 爻・ * 私是・ ^ 人 Lat/Long: 十柱 [] []	ŠŒÜÁUŒÜÔĊŠÁUUWPÁJØÄOUY ÁÖPĊ ĎŒVWÜĆĊŎÁŒUÜT ĊÜÁVŒPSÁŒŒŪT LÁ PĊŎÁŒIJÁUŮĊÞÁY ŒŪVĊŪŠŒPĊĒÝ ŒP WÜĈÒÁUØÁDPØUÜT ŒVŒUÞÁŒUÜÁPŒÙ Map Index: ÌĨHŒG ###FĨĨHŒU€ÖD ^• ###FĨĨHŒU€ÖD	OT CÓ CISÁRCIÓ GÓ OY PÉREÚÜÜU Y BÉFÉ ÁRBÓ ÁT GÓ Ó AÑUUW ÙU GÁNNÜ (2000 Ó ASCEÚ Ó Ó SY AÖUX Ó UÖ Ó Ó ÓY ÁT ÚU Ü ÁDÜUT WÜBEFUÜÖÖNNT BÂUCB ÓU SOBÁRBYÜ Ó IS ÓY ÁN ÁJÓ Ó OWÜÜÖÞÓ Ó ABÍASERÍ ÁT (3BS Ó ÁGU ŠSÓ Ó VOUÞE	WPÁJØÁ É ÁQÜÓÒY (学芒)VÒÖÃÖÜŒXÒŠÄÓWÁÞŒVŒÒÁÚŠŒ)VÒÖÃÖÜŒXÒŠÄÓWÁÞŒVŒÒÜUVPÒÔŒ	ÖÜCEÞÖ ØZŠUÜCE st Seen ——— G∈€JĒEĪĒT ĒTH G∈€JĒEĪĒT
Location Detail: VÜ呱卧ŌW Ecological: P呱內內內內 TŒԽVŒԽ General: U內內內內內 Owner/Manager: W戶S戶UY Occurrence No. Ì ĺ Occ Rank: Ō[[å Origin: Þæðiﷺ (^ å Trend: W/\}[, } Quad Summary: V[æ/ & A Å County Summary: Š[* Æ Å; * ^ \} Lat/Long: H註 Î ï ï û UTM: Z[} ^ 莊FÁ	ŠCEÚÁJCEÚÔÒŠÁUUWPÁJAKÖUY KÔPÒ ŠCEÚÁJCEÚÔÒŠÁUÜT ÖÜÁJCESÁZCEÚT LÁ PÖÖÁCEÚÁJÚÓÞÁY CEÍVÖÜŠCEPÖÉY CYP WÜÔÒÁJAÁDPZUÜT CE/QUÞÁZUŰÁ/PQÚ Þ Map Index: ÌÎHGG SEĞYÁR && HA} &A KÖÇCE) c GHFFÌÏHEEJEÖD A• PHIĴĬĬÎÁOH FÏFÍ	OT ΦΙΟΙ ΑΙΣΙΑΣΙΟ ΘΕΟΥ ΕΙΚΕΙ ΙΟΙ ΥΙΚΕΙ ΕΙΚΕΙΝΗ ΓΕΘΟΙΙΑΙ UN TO GOOD AND LICE AND AT GEOLOGICA TO SET AND AT GEOLOGICA AND LICE AND AT GEOLOGICA AND LICE AND AT GEOLOGICA AND LICE AND AND LICE AN	WPÁJØÁ € ÁØÜÖÖY ②É IVÒÖÄÖÜŒXÒŠÉÖWWÁ>©VOÄÖÁÜŠC ÖT ØØÆÖÖŒVÆÉPÖVÖÜUVPÖÖŒ	ÖÜGEÞÖGZŠUÜGE st Seen Ge€JEĞIĒFH Ge€JĒĞIĒFH GeFGĒĞIĒFG
Location Detail: VÜ硕臣 ŌW Ecological: PO PO PSŸ AC T CRE V CRE General: U P ŠŸ ÂJU' Owner/Manager: W P SPUY Occurrence No. Ì Í Occ Rank: Ō[[å Origin: Þæð læð Pesence: Ú!^* { ^å Trend: W,\}[, } Quad Summary: V[æ] & Á County Summary: Šṭ * Æ5 * ^Å Lat/Long: H 註 Ĭ I Ĭ I C UTM: Z[} ~ĚFÁ Area: FÍ 任意 & &	ŠCEÚÁJCEÚÔÒŠÁUUWPÁJAKÖUY KÔPÒ ŠCEÚÁJCEÚÔÒŠÁUÜT ÖÜÁJCESÁZCEÚT LÁ PÖÖÁCEÚÁJÚÓÞÁY CEÍVÖÜŠCEPÖÉY CYP WÜÔÒÁJAÁDPZUÜT CE/QUÞÁZUŰÁ/PQÚ Þ Map Index: ÌÎHGG SEĞYÁR && HA} &A KÖÇCE) c GHFFÌÏHEEJEÖD A• PHIĴĬĬÎÁOH FÏFÍ	OT ΦΟ CEŠÁCCEÓ SỐ AY PĂCEÚ ÚÜ U Y BĂTĒ ÁCROÚ ĀT SỐ Ò Ò ÂÙ U W DU SĂ ÂN VÚ JO CO Ô Ô ŠCEÚ Õ Ò ŠÝ AỘU X Ô Ư Ô Ò Á Ô Ý ÁT Ú U Ủ A ĈÚ U T W LIỆP U Ü Ô Ô MT BÀU CH SU SĂ BĂTĂ VÚ GU ŠÔ Ó V ÂU ÁJ Ô Ô W Ü Ü Ö Þ Ô Ò ÁÐ ÁG CE ÁT CEŠ ŠÔ ÁÐ U ŠŠÔ Ô V V Þ È EO Index: Ì Ï HÎ F Mapping Precision Ù Ú ĈÔ CO CÓ	WPAJØA € i ko Ü Ò Ò Y O Y È IVÒ Õ Õ Ü O R Ò Š Š Õ W A O R V X Ò A S Č O T O O O O O O O O O O O O O O O O O	ÖÜCEÞÖ ØZŠUÜCE st Seen G∈€JĒEĪĒTH G∈€JĒEĪĒTH
Location Detail: VÜ砚臣 ÖW Ecological: PO	ŠŒÜÁUŒÜÔĊŠÁUUWPÁUØÄUY ÁÖPĊ ĎŴWŰĆĊŎÁŒUÜT ĊÜÁVŒPSÁŒŒĪTLÁ PŮČÁŒUÁUŮĊÞÁY ŒÜVĊŪŠŒPĊĒÝ QYP WŰĈŎÁUØÁPPŒUÜTŒVŒJÞÁŒUÜÁ/PŒ P Map Index: ÌÎH3G MAP Index: ÌÎH3G MAPFFIÏHBEJ€ÖD A• MAFFFIÏHBEJ€ÖD	OT ΦΙ	WPÁJØÁ € ÁØÜÖÖY CÉÈ IVÕÕÕÜCIXÕŠÄÕWÄÞCIVOXÕÄÜŠC OT CÓCIÕÜCIXÕŠÄÕWÄÞCIVOXÕÄÜŠC OT CÓCIÕÕUCIXÕEÖPÖVÕÜUVPÕÕCIÄ	ÖÜGEÞÖGZŠUÜGE st Seen Ge€JEĞIĒFH Ge€JĒĞIĒFH GeFGĒĞIĒFG
Location Detail: VÜ硕臣 ÖW Ecological: PO PO PS Y LO General: UÞŠŸ LO Owner/Manager: WÞSÞUY Occurrence No. Ì Í Occ Rank: Õ[[å Origin: Þæð: ﷺ (ŠŒÜÁUŒŰÔĊŠÁUUWPÁUØÄUY ÁÖPĊ ĎŴWŰĆĊŎÁŒŰĂT ČŰÁŒPSÁŒŰT LÁ PŮČÁŒĴÁUŮĊÞÁY ŒĬVĊĎŠŒPĊĒY ŒP WŰĈŎÁUØÁPØUÜTŒVŒJÞÁŒUŰÁPŒÚ Map Index: ÌÎHGG Map Index: ÌÎHGG MAPFFIÏHEU€ÖD ^• MAEFFIÏHEU€ÖD ^• MAEFFIÏHEU€ÖD	OT ΦΙ	WPÁJØÁ É ÁØÜÖÖY GÝÈ IVÖÖÄÖÜGXÖŠÄÖWÁÞGSVGÖÁÍŠC	ÖÜCEÞÖGZŠUÜCE st Seen Ge€JĒG ĒH Ge€JĒG ĒH GeFGĒG ĒFG
Location Detail: VÜ@BŌW Ecological: POOPSŸÄÜ TŒBVŒB General: UÞŠŸÄÜU Owner/Manager: WÞSÞUY Occurrence No. Ì Í Occ Rank: Õ[[å Origin: Þæð: ﷺ ﴿ *Að Presence: Ú;^• * { *Aå Trend: W¸\}[, } Quad Summary: V[:a⟩ & *A County Summary: Š[• *AЂ; * ^ Lat/Long: H-tt [i i i i UTM: Z[] *EFÁ Area: Fi €tææk; Elevation: Í Åc Location Detail: TŒÚÜÖÖÜ	ŠCEÚÁICEÚÔČŠÁUUWPÁUA/ÖUY ÁÖPČ ŠCEÚÁICEÚÁICEÓČŠÁUUT ČÚÁICES ÁZCEÚTÍÁ PÖŐÁTEJÁUÚĎÞÁY CEÍVÓDŠCEPŐÉV CYP WŰÕÕÁUA/ADPOUÜT CEVOUÞÁZUŰÁ/POUÞ Map Index: ÌÎHGG MAP Index: ÌÎHGG MAP Index: ÌĨHGG MAR INDEX: ÌÏHGG MAR INDEX: ÌÏHGG	OT ΦΙ	WPÁJØÁ €Í ÞÖÜÖÖY Œ'È IVÒÖÄÖÜŒXÒŚĒÓWÁÞŒVŒÁÁÍŠŒ —— Dates Las Element: Site: Record Last Updated: Township: €I Ù Range: FHY Section: €Î Meridian: Û EÉÉÞUÜVPÁJØÁPY ŸÁ €Í È UXѾÖÖÄÖŸŠÕŒVPÖÜT ŒÞÈ	ÖÜCEÞÖGZŠUÜCE St Seen GEELBEIEFH GEELBEIEFH GEFGEEIEFG Qtr:Ò
Location Detail: VÜ@bőW Ecological: P⑩PŠŸÄUU* General: UÞŠŸÄUU* Owner/Manager: WÞSÞUY Occurrence No. Ì Í Occ Rank: Ō[[â Origin: Þæɛˈlæððæ Presence: Ú!/^* { ^â Trend: W/\}[, } Quad Summary: V[æ/8^Ã County Summary: Š[*ĀŪ;*^\ Lat/Long: Htt [i i i i UTM: Z[}^臣FÁ Area: Fí ﴿ÉÉÁ&& Elevation: Í Ác Location: ÙÔŒVÒŪ Location Detail: TŒÍÚÒÖÁ	ŠCEÍJÁJCEÚJÓÖŠÁÜUWPÁJAKÖUY KÖPÖ ŠCEÍJÁJCEÚJÓÖŠÁÜUT ÖÜÁYCES KAZEÜTLÁ PÖÖÁTEJÁJÚÖÞÁY CEJVÖDÍŠCEFŐÉÄY CYP WÜÖÖÁJAKEPAUÜT CEKOJÞÁZUÜÁPPOJ Map Index: ÌÎHGG Map Index: ÌĨHGG PHFFÍÏHEEJEÖD A. PÁŘEFFÍÈÏÌÍIÓ PHÍJĨĬÌÁĎHÍFÍFÍ A. PÖÖÁTESUÞŐÁTEÁ Á GŠÖÚÁJAKPÖÄÖDE CEŠ ÄJŠUÚÓŘGEJÜUÖÁY BŠÖÚGÓGYTÁROYCÍ MÜÁJCEYGYWÜÉĞÜUVÖÁY BŠÖÚGÓGYTÁROYCÍ MÜÁJCEYGYWÜÉĞÜUVÖÁY BŠÖÚGÓGYTÁROYCÍ MÜÁJCEYGYWÜÉĞÜUVÖÁY BŠÖÚGÓGYTÁROYCÍ MÜÁJCEYGYWÜÉĞÜUVÖÁY	OT ΦΙ	WPÁJØÁ É ÁQÜÓÒY CÝÈ IVÔÕÃÜCIRÒŠÄÖWWÁACIVOŽÁJŠT OT CÓCIĐÔCIVOŽÄP OVOČUU VPÔČCIŽ	ÖÜCEÞÖGGŠUÜCI St Seen GEGLÉÐ ÉTH GEGLÉÐ ÉTH GEFGÉÐ ÉTG Qtr: Ó
Location Detail: VÜ硕康 OW Ecological: P硕 P S Y A U General: UP S Y A U Owner/Manager: WP SPUY Occurrence No. i f Occ Rank: Ō[[â Origin: Þæð A BÞæ Presence: Ú!/^* { ^â Trend: W,\}[, } Quad Summary: V[æ] & Á County Summary: Š * ÁŪ; * ^h Lat/Long: Helf i i i c UTM: Z[} ^ ÊFÁ Area: Fí €Æ A&& Elevation: Í Ác Location: ÙÔŒ V OÜ Location Detail: TŒ ÚÛÖÂ/A Ecological: ÔŒ J OÂJ Ø ܌ J P CB V T © UUBÔ	ŠCEÍJÁJCEÚJÓÖŠÁÜUWPÁJAKÖUY KÖPÖ ŠCEÍJÁJCEÚJÓÖŠÁÜUT ÖÜÁYCES KAZEÜTLÁ PÖÖÁTEJÁJÚÖÞÁY CEJVÖDÍŠCEFŐÉÄY CYP WÜÖÖÁJAKEPAUÜT CEKOJÞÁZUÜÁPPOJ Map Index: ÌÎHGG Map Index: ÌĨHGG PHFFÍÏHEEJEÖD A. PÁŘEFFÍÈÏÌÍIÓ PHÍJĨĬÌÁĎHÍFÍFÍ A. PÖÖÁTESUÞŐÁTEÁ Á GŠÖÚÁJAKPÖÄÖDE CEŠ ÄJŠUÚÓŘGEJÜUÖÁY BŠÖÚGÓGYTÁROYCÍ MÜÁJCEYGYWÜÉĞÜUVÖÁY BŠÖÚGÓGYTÁROYCÍ MÜÁJCEYGYWÜÉĞÜUVÖÁY BŠÖÚGÓGYTÁROYCÍ MÜÁJCEYGYWÜÉĞÜUVÖÁY BŠÖÚGÓGYTÁROYCÍ MÜÁJCEYGYWÜÉĞÜUVÖÁY	OT ΦΩ SÁCULÓ ŠΑΥ PÉREJÚÜU Y BÉRĒ ÁRBŪÁR SÓ ÒLÂŪU W DU SÁU WÜ ZO SÓ Ò ŠŒĐ Ở Ò ŠÝ AĐU X Ô Ū Ò Á Ó Ý ÁT Ú U Ü AĞÜU T WÜ BÉR U Ü Ö Ö Ö M BÜ CEŠÜU Š ŒBĀRBYÜ GŪ Š Ö Ý ÁU ĀJ Ô Ô WÜ Ü Ö Þ Ô Ö ÁÐ ÁGEEL ÁR ŒŠ Š Ò ÁÐ U Š Š Ò Ó V QU Þ È EO Index: Ì Ï HÎ F Mapping Precision Ù Ú Ò Ô Œ Ø Symbol Type: Ú U Š Ý Õ U Þ D Õ WÒ Z ÁÐ P Č ŠÁ I Þ ÁÐ U V P ÂU Ø Ò Ò ÁU Æ P Y Ř F F: ĀRBÔ Ô U Ü Ö QB Õ Á V LÁGEEL ÁW T ÁÐ U Ü Ö QB CS / Ò Ù ÁÜ Ü ÖW T BỐ U Þ Ý Z CHÁO CB CHỐ Ò Þ Ú QĐ BĚU Š QW TÁT W Š V Ø Š L EX Ó Þ CHÓ CHÚ Ó CB / CHÁRTÉ Æ CB / W CHÉŠ U Š QW TÁT W Š V Ø Š L EX Ó Þ CHÓ CHÚ Ó CB / CHÁRTÉ Æ CB / W CHÉŠ U Š QW TÁT W Š V Ø Š L	WPÁJØÁ É ÁQÜÓÒY CÝÈ IVÔÕÃÜCIRÒŠÄÖWWÁACIVOŽÁJŠT OT CÓCIĐÔCIVOŽÄP OVOČUU VPÔČCIŽ	ÖÜCEÞÖGGŠUÜCI St Seen GEGLÉÐ ÉTH GEGLÉÐ ÉTH GEFGÉÐ ÉTG Qtr: Ó

Owner/Manager: ŠŒÝÁÔUWÞVŸËÖÚY

Status			ent Code: ÚÖÙÔÜ€R€ÔG
Otatao	NDD	B Element Ranks —————	Other Lists
Federal: Ò}åæ)*^¦^å		obal: ÕI Ñ/F	CNPS List: FÓÈG
State: Ò} åæ) * ^ ¦ ^ å	8	State: ÙF	
Habitat Associations			
General: ÔUŒÙVŒŠÁŨŒŠVÁTŒÜÙPÉÉÔUŒ	ÙV ŒŠÁÖWÞÒÙÈ		
Micro: ŠQT QYÒÖÁVUÁ/PÒÁP@PÒÜÁZUÞ	ÒÙÁU ØÁV PÒÁÙŒŠVÁT ŒÜÙP.	ÁPOTÓOYOTY <i>ÉÁ</i> SÉÜHEÁTÈ	
	plndex: GÎIÏJ	EO Index: Î FÎ Ï	— Dates Last Seen —
Occ Rank: Þ[}^			Element: FJ€FËÉÍËÓ
Origin: Þæč¦æ†B⊅ææãç^Á;&&覦^j	, &^		Site: FJÌ €ËÝÝËÝÝ
Presence: Ú[••ãa ^ÁÔ¢cã]æe^å			
Trend: W}\}[,}			Record Last Updated: FJJÍ ਛੋਂ ਵਿੱਜੇ
Quad Summary: ÙæjÁÚ^å¦[ÁÇHFFÌÎH⊞		BBÉÌJÔDÉÁV[¦;æ),&^ÁÇHHFFÌÏHBEJ€ÖD	
County Summary: Š[• Æ; *^ ^•			

Lat/Long: H-HĒÍÏFH-ÁAĀĒFÌÈG-HĪ€IÓ UTM: Z[}^ĒFFĀÞHĬHÍJFIÁÖHÌÍIH

Range: FHY Radius: FÁ a^ Mapping Precision ÞU ÞËÙÚÒÔŒ® Qtr: ÝÝ Section: ÝÝ

Symbol Type:ÚU ௸ ∨ Meridian: Ù Elevation: Í Ác

Location: VÒÜT OÞOŠÁÐÌŠŒÞÖÉÐÚŒÞÁÚÒÖÜUÁPŒŰÓUÜÈ

Ecological: ÙŒŠŒÒÁT ÒŒÜUY ÙÈ

General: ŮŒŶĠŔĠĸIJŢŔIJĘŔŎUŠŠĊĆŶŒŊĸĬŎŸŔŌÜŒĸŸĬĠĸIJŔĬŠŒĸŶŮŔĬĊĊĸĬŒĸĬĬŒĬŰĊĊŒŎŮĬŴĬĬŨĊŮWŢĊŎŔŎŶŶŒŰŒĸŶĊŎŔŒŹŔŖŎĬŒŹĬŶŒĸŎ SĸŴŎŮĊĸĬĔŗĴĬŒĬ

Owner/Manager: WPSPUY P

,^•e^l}ÁnañaaþË∤anaÁnañ^lÁna^d^		Element Co	de:@ÔUŠ€ŒÌ€	
Status	N	DDB Element Ranks ————————————————————————————————————	Other Lists ———	
Federal: Þ[}^		Global: Õl	CDFG Status:	
State: Þ[}^		State: ÙF		
Habitat Associations				
General: @pp@fÓQ/ÙÁÒÙVWŒÜ	QÒÙÁQEÞÖÁTWÖØŠQEVÙÁQEŠUÞÕÁ√ÞÒ	ÁÔU ŒÙ VÁU ØÁÙU WYP ÒÜ ÞÁÔŒŠŒVU Ü ÞŒJÈ		
Micro: ÕÒÞÒÜŒŠŠŸÁØUWÞ	ÖÁJÞÁÖŒÜSEÐUŠUÜÒÖÁT WÖÁÐÞÁV	PÒÆUYÒÜÁZUÞÒLÁJÔÔŒÙQUÞŒŠŠŸÁØUWÞÖÁJÞÁÖÜ	ĬŸÁÙŒŠŒÒÁØŠŒVÙÁJØÁÒÙVWŒ	ÜOÒÙÈ
Occurrence No. Î	Map Index: HJÌÎI	EO Index: ÌÏÏĜ	Dates La	st Seen -
Occ Rank: Þ[}^	·		Element:	ÝÝÝÝĚÝÝ
Origin: Þæč¦æ∯B⊅æ	εãç^Á[8&覦^}&^		Site:	ÝÝÝÝĚÝÝ
Presence: Ò¢cã]ær^å				
Trend: W}\}[,}			Record Last Updated:	ŒFŒIJŒIJ
Quad Summary: V[;;æ) &^ÁĴ	EHFFÌÏHBEJ€ÖDÐÁŠ[}*ÁÓ^æ&@ÁÇHFFÌ	ï GBBBÌ JÔD		
County Summary: Š[• Æ; *^ ^	•			
Lat/Long: ⊢HĒ J€€Fó	— ÁÐÁĒFÌÈGIÏÌÍó		Township: € Ù	
UTM: Z[}^ËFFÁ⊳	HÏHJÍÏGÁÔHÌIIÏÏ		Range: FHY	
Radius: FÁ(¸ã^^		Mapping Precision ÞUÞËÙÚÒÔŒÔ	Section: HH	Qtr: ÝÝ
Elevation: H€Ác		Symbol Type:ÚUФV	Meridian: Ù	
Location: Y (ŠT (ÞŐ)	/UÞÈ			
Location Detail: ŠUÔŒŠŒŸ	ÁÚVCEVÖÖÁCEÙÁÄY CŠT OÞŐVUÞEÄÓÝCI	ÐVÆUÔŒVQJÞÁWÞSÞUYÞÈ		
	LUÙÁNAÃÃÀÙN ÁŒÜÀŒŔŇÁŒAĚČŸÁŠÀ	X ÒŠU Ú ÒÖ ÁÐEÞ Ö ÁÙ WOY ŒÐ Š ÒÁP ŒÐ OY ŒV ÁÖ U ÒÙ ÁÞU V ÁÐ Ý	OÙVÁÞÒŒÜÓŸÁQŒFŒŒ	
	U UAUVIOOOU VAUEU OOENUAOVISSY AUC	ACCOC COCALE CANAL CADOCAL CADOCACAL CADOCACACAL CADOCACACAL CADOCACACACACACACACACACACACACACACACACACA		

General: PŴVUÜŴŒĂŒŰÔŒØÞÈ

Owner/Manager: WÞSÞUY Þ

Other Lists CDFG Status: CDFG
ÖCEŠOZUÜÞOZÁZÜUTÁJOZÞÁZÜOZÞÓOJÓUÁCCEÝÁUÁÞUÜVPÓÜÞÁTÓÝÓÓJ XOZÓÁJÜÖ∕ZÓÜÁTUÓJVÁJOZÞÖÁÞUVÁTEZZÓÓVÓÖÁÓŸÁYOXÓÁTEÓVOJÞÈ Ì — Dates Last Seen Element: ÝÝÝÝĚÝÝ
XCEÒÁJÜÖ⊘ÖÜÁTUÓÙVÁJŒPÖÁÞUVÁŒEØZÖÖVÖÖÁÖŸÁYŒXÖÁŒÖVØJÞÈ — Dates Last Seen Element: ÝÝÝÝĚÝÝ
XCEÒÁJÜÖ⊘ÖÜÁTUÓÙVÁJŒPÖÁÞUVÁŒEØÖÖVÖÖÁÖŸÁYŒXÖÁŒÖVØJÞÈ — Dates Last Seen Element: ÝÝÝÝĚÝÝ
XCEÒÁJÜÖ⊘ÖÜÁTUÓÙVÁJŒPÖÁÞUVÁŒEØÖÖVÖÖÁÖŸÁYŒXÖÁŒÖVØJÞÈ — Dates Last Seen Element: ÝÝÝÝĚÝÝ
Ì — Dates Last Seen — Element: ÝÝÝÝĚÝÝ
Element: ÝÝÝÝËÝÝ
Element: ÝÝÝÝËÝÝ
Site: FJI JEYYEYY
Record Last Updated: G€FG€JF
Record Last Opdated: GerGESTE
i JÔD
Township: €Í Ù
Range: FHY
lÞËÙÚÒÔ@XÔ Section: FÎ Qtr: ÝÝ
OeV Meridian: Ù

,^•e^\}Ás^æ&@Ácā^¦Ás^^d^ Status ————————————————————————————————————		NDDB Element Ranks	ent Code: @ÛUŠ€ŒFFH ———— Other Lists ——————
Federal: b[}^ State: b[}^		Global: ÕI VFVG State: ÙF	CDFG Status:
Habitat Associations General: Ţ₩ÖØŠŒVŮÁŒÞÖÁÓ Micro:	 ÒŒÔP ÒÙÁNÞÁÔUŒŮVŒŠÁĴUWWP Č	DÜÞÁÐŒŠŒNÜÞŒĒ	
Occurrence No. H Occ Rank: Þ[}^ Origin: Þæĕ¦æ∯Þa		EO Index: Î €JÏ €	── Dates Last Seen Element: ΥΥΥΥΈΥΥΕΎΥ Site: ΥΥΥΥΕΎΥΕΎΥ
Presence: Ò¢cã]æc^å Trend: W}\}[,}			Record Last Updated: G€FG€UËI
Quad Summary: Ùæ) ÁÚ^å¦[County Summary: Š[• ÁŒ, *^/	-		
Lat/Long: H—tiFe[íð UTM: Z[}^进FÁo Area: GFÍÈWe&!/ Elevation: Í€Ác	HÍH€ÌFFÁÖHÍJIÌÍ	Mapping PrecisionÙÚĈÔŒ© Symbol Type:⊍UŠYÕUÞ	Township: €Í Ù Range: FI Y Section: GÍ Qtr: ÝÝ Meridian: Ù
Location: ÙŒ ÁÚÒÖÚ Location Detail:TŒÚÓÖÁ	juė Dišu põláoòodô pládejá/pojláoòòvš	SÒÁÚÜÒ&ÒÜÙÁÙŒÞÖŸÁŒÛÒŒÙÈ	
General: PŴVUÜŴ	OŠÁŠU ÔOŠOVŸĖ		

Crossosoma californicum				
Ôæææ≱ā]æ∳%\[••[•[{æ ————————————————————————————————————	NDI	DB Element Ranks	Element Code: ÚÖÔÜU€ŒŒ ———— Other Lists ————	
Federal: Þ[}^ State: Þ[}^	(Global: ÕG State: ÙG	CNPS List: FÓÈG	
Habitat Associations General: ებილელელა∰ებელ Micro: ∪ხÄÜUეSŸÄĴბელბა		ÜŸ Ğ JUÓÞÁJWÞÞŸÁJÚUVÙÁJÞÁJUÖSŸ.	/ÄÖSOLYÜÄKEÜE ∈€T È	
Occurrence No. FJ	Map Index: []]JJ	EO Index: ÍÌJHÍ	Dates Las	st Seen ———
Occ Rank: Øæå				FJJÎ ËEHËEF
Origin: Þæcĭ¦æ#D⊳æc			Site:	FJJÎËŒHËŒF
Presence: Ú¦^∙ˇ{ ^åÆ Trend: W}\}[¸}	Ͻ¢α 2) c		Record Last Updated:	O€E ËCËCF

Quad Summary: Ùæ) ÁÚ^å¦[ÁÇHFFÌÎHÐÐ HŒD

County Summary: Š[• Æ *^|^•

 Radius: \hat{i} €¼ \wedge \wedge !*
 Mapping PrecisionÙÚÓÔŒ®
 Section: FÎ
 Qtr: >Ò

 Elevation: \hat{i} ہc
 Symbol Type:ÚUQ•V
 Meridian: Û

Location: ÜŒPÔPUÁÚŒŠUÙÁKÒÜÖÒÙLÁPÒŒJÁNÚÚÒÜÁÒÞÖÁJØÁSŠUÞÖ©SÒÁÔŒPŸUÞÈ

Location Detail: ÒŒJVÁJØÄÖ܌РŒÐ ÒĒÁT ŒJÚÒÖÁÐ Á/PÒÁJY ÁFÐ ÁJØÁ/PÒÁ-ÒÁFÐ ÁJØÁÚÒÔVΦJÞÁFÍ ÁÆÔÔUÜÖÐÞ ŌÁVJÁÐĒFJJÍ ÁT ŒJÁЎÝÁ′ UŠØÈ Ecological: ÜŴŒJŒÐ ÁPŒÓQŒŒ/ĔÁŒJÙUÔŒB/ÖÖÁ′ QYPÁJPWÙÁÐ+VÔŌÜŒQUŠŒŒÐŐVVÖŠÖŸŒÆĞŒÞÔÒUŠŒ/ŒÐÁÐÐ-ÖÁÖŒŠŒV ÁÐÖÆŠŒV

Threat: ÚÜUÚUÙÒÖÁÕUŠØÁÔUWÜÙÒÁÖÒXÒŠUÚT ÒÞVÁÞÒŒÜÓŸÈ

General: GÁÚŠŒÞVÙÁJÓÙÒÜXÒÖÁÞÁFJJÎ È
Owner/Manager: ÔQŸÁJØÄJŒÐÔPUÁJŒŠŪÙÁKÒÜÖÖÙ

 Occurrence No. ⊙€
 Map Index: ÎÌ JF€
 EO Index: ÎÌ JIÎ
 — Dates Last Seen

 Occ Rank: Õ[[å
 Element: ̀€ ЁЁ ЁЁ

 Origin:
 Þæ' [æ]Dææin^Á, &S' ;||^} &^

 Presence:
 Ú¦^• * { ^å/D¢æ} c

Trend: Üœàl∕ Record Last Updated: G€FŒÉ ÉE

Quad Summary: Ùæ) ÁÚ^å¦[ÁÇHFFÌ Î HBĒ HŒD

County Summary: Š[• ÁŒ *^|^•

Lat/Long: H-tĒl F-H ófbŒFFİ tH GÌ ló

UTM: Z[}^ŒFÁÞ-H H GÌ ÂÖHÍ Í HÎ

Range: FIY

Area: Fi 産婦は・ Mapping PrecisionŮÚÔÔΦΦ Section: Fi Qtr: ĴY Elevation: Ì €Éc Symbol Type:ÚUŠŸÕUÞ Meridian: Ů

Owner/Manager: ÔQYŸÁUØÁÜÚXÊÁÚXV

us plexippus				
{[}æ4&@4ásčoc^¦-¦^			Code: @ŠÒÚÚG€F€	
Status —	N	DDB Element Ranks	Other Lists	
Federal: Þ[}^		Global: Õí State: ÙH	CDFG Status:	
State: Þ[}^		State: UH		
Habitat Association			an uit and discharge	
		/ÁØÜUT ÁÞUÜVPÒÜÞÁT ÒÞÖUÔŒUÁVUÁÓŒRŒÓŒĞ UVÀÙÆÀMÂÆÄŸŰMNÙÉEUFVÀÜÀŸŰÆÀÆÄŸŰÜÀ		nii fin naii Adil fe da
WIICIO. UUUUVUASUUG	VOOALPAT CHOEDOU VOOVOOAVUOOAOU	UXÒÙÁÇÒMÔŒŠŸÚVMÙĒĀTUÞVÒÜÒŸÁÚŒPÒĒĒÔŸÚÜÒ	OUDER OF APOUVOED AND UP OF CEVE	
Occurrence No. Glì	Map Index: H-FÌ Ï	EO Index: GÎG	Dates Las	st Seen
Occ Rank: W}\}[,	}			FJÌ JËFËÝÝ
	Boænaãç^Án, &&∵¦¦^}&^		Site:	fJÌ JËFEÝÝ
Presence: Ú¦^• `{				e ui čerčí
Trend: W}\}[,	}		Record Last Updated:	FJJI EEFE
Quad Summary: V[:: 2) 8	vÁÇHFFÌÏHBEJ€ÖD			
County Summary: Š[• ÁQ; *	^r ∧ ∧•			
Lat/Long: HE GI	IóÁÁÁËFÌÈHÏIFIó		Township: € Ù	
UTM : Z[}^Ë	FÁÞHÍIIFFÍÁÖHÍGÌIH		Range: FIY	
Area: F€ÉÁ	21∧•	Mapping PrecisionÙÚÒÔŒ®	Section: ÝÝ	Qtr: ÝÝ
Elevation: F€€Ác		Symbol Type :ÚUŠŸÕUÞ	Meridian: Ù	
Location: Y ŠÖÒ	ÜÞÒÙÙÁÚŒÜSÉÐUÜVPÁUØÁÙÒÚWŠXÒÓ	DOZÁOŠXÖÉJEŤAT CŠOÁY ÒÙVÁU ØÁÚCIŠU ÙÁXÒÜ ÖÖÙÁÓŠ	XÖBĞUÜÁDDÐŐÒŠÒÙÁÔUWÞVŸÈ	
Ecological: ÜUUÙ\	/Á/ÜÒÒÙÁŒÜÒÁÒWÔŒŠŸÚVWÙÈ			
General: TUÞŒ	JÔPÙÁQÀÁMÞSÞUYÞDÁJÓÙÒÜXÒÖÁÜUI	UÙVOÞŐÁŒVÁ/POÙÁÙOYÒÁOÞÁÐUXÒTÓÒÜÆJÌJÈ		
Owner/Manager: ŠŒÝ ÆÔL	•			
			D	
Occurrence No. HI	Map Index: IÏÌÌÏ	EO Index: IÏÌÌÏ	— Dates Las	stSeen ———— FJÌÍËEFËCH
Occ Rank: Þ[}^	Ph			FJÍ Í BEFBOH
Presence: Ú[••ãa	Boænag^Á, &&`¦¦^}&^ `ÁÒdrail am∧å		Site.	1311112211231
Trend: W}\}[-		Record Last Updated:	O€€©ËEÍËF€
			•	
Quad Summary: Úæ) ÁÚ^	• •			
County Summary: Š[• ÂŒ; *				
Lat/Long: H-E ۔			Township: €ÍÙ	
.,	FÁÞHÍHEHÍÌÁÖHÌ€€ÍÏ		Range: FIY	- 6-6
Area:		Mapping Precision♭U♭ËÜÚÒÔŒ©	Section: G Meridian: Ù	Qtr: ÝÝ
Elevation: F€€Ác		Symbol Type:ÚUŠŶÕUÞ	Weridian: ∪	
		ZEÁÚUQ⊳VÁØÖÜTQ⊳Á⁄UÁŒÚÚÜUÝQTŒVÖŠŸÆĒHÍÁTĞŠÓ	ÒÙÁÞYÁÐĞUÞŐÁÚUQÞVÁÐÖÜTQÞÁ	ÍÓÒŒÔPÈ
Location Detail: ÜUUÙ\	/Á/ÜÒÒÙÁY ÒÜÒÆGUÔŒVÒÖÆÞÒŒÜÁÔPŒ	ŠÖÜÒÞ¢ÙÁÚŠŒŸÁŒÜÒŒÈ		
Ecological: POÓOVO	EVÁÔU ÞÙOÙVÒÖÁT Œ EÞŠŸÁUØÁÒWÔŒŠŸÚ	ÚVWÙÁ/ÜÒÒÙÈ		
Threat: ÜÒT U	(ŒŠÁUØÁVÜÒÒÙ			

Owner/Manager: ÖPÙËÔUŒÙVÆÕWŒÜÖÉÆWÞSÞUY Þ

ž æ)åÁt¦^^}Áå*å ^^æ		1	Element Code: ÚÖÔÜŒI €ÙG
Status		NDDB Element Ranks	Other Lists
Federal: Þ[}^ State: Þ[}^		Global: ÕG/G State: ÙŒG	CNPS List: FÓÈG
Habitat Asso			
General: ÖUŒUVŒSA Micro: ÜUÔSŸÂÙU	ÁÓŠMØØÁÚÔÜWÓÉÁÔUŒÙVŒŠÁÚÔÜWÓÈ		
micro. UUUSYAJU) Ca)∪ CAN CETECE I C		
Occurrence No. H	Map Index: FÏ ĺ JÌ	EO Index: l ï €î î	— Dates Last Seen
Occ Rank: Õ			Element: G€F€ÉÉÍÉÉÍ Site: G€F€ÉÉÍÉÉÍ
	æc`læ∰D>æcaãç^A∱&&`ll^}&\^ l^∙`{^åAÔ¢cæ}c		one: Gerene tel
Trend: W			Record Last Updated: ŒFŒFŒFŒ
Quad Summary: Ùa	æ) ÁÚ^å¦[ÁÇHFFÌÎHBEÏHOED		
County Summary: Š[• ACE * ^ ^•		
-	HĒGÎÌÍÓÁÐÁĒFÌÈHÎÉÍÓ		Township: €ÍÙ
	[}^ËFÁ⊳HÏHGÎÌHÄÔHÏÍGJH ÍÈÈÁ⇔I∧-	Manusius Parastalas (nís)	Range: FIY
Area: ĺĺ Elevation: Ї:		Mapping PrecisionŮÚÔÔŒ© Symbol Type:ÚUŠŸÕUÞ	Section: Œ Qtr: ÝÝ Meridian: Ù
		ÒŒIJÁJUÜVWÕWÒÙÒÁÓÒÞÖÁÙUWWPY ŒÜÖÁ/U	
			APOULDAUU YOLSAUUSI UAOOOUDPAUULUSE. ÜOD⊳STOD⊝ ÞEÓWÙOÁODÞÖÁDÁFJJGÁTOLÚÁDÜUTÁŠÙODÁODÙÙUÔOODS.
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Òŧ			ayuwoobaocsabeouwwa cedaya ceadryonaeyoodwo suu xôuvpücy Aucrycsoberouwo quo oupwt Aôde òciòwt Erdeöasy
Threat: Ô	QYŸÁJØÁÚŒŠUÙÁKÒÜÖÒÙÁPŒÙÁÜÒÔÒÞY	VŠŸÁŒÚÚÜUXÒÖÁŒPUVÒŠÁY QVPÁÕUŠØÁÔUWÚ	ÜÜÒÁOE/Á/POÙÁÙO!ÒÈÓŠW <i>28</i> ÙÁÖOÙVWÜÓÒÖÁÓŸÁ¤UÞЁ¤OE/O&Ò
		ÞÁNÞÁFJJ€ÉÁÓW ÁÓÜQÞST OEÞÞÉÓWÙÓÁÜ ÒÚU ÜVÒ XÜUT ÁÓÁÒÞÖÁJØÁJÔÔWÜÜÖÞÔÒÁÜ ÒÚU ÜVÙÁ	XÖÁ/PCEVÁ/PÒÁÓÒÙVÁÙQYÒÙÁŒÜÒÆSUÔŒVÒÖÁY QYPQÞÁJŒÞÁÚ VŠŒÞVÙÁŒJÄZZŒŨŠŸÁÔUTTUÞĒÄ
Owner/Manager: Ú	XVÉMÞSÞUY Þ		
Occurrence No. FJ	J Map Index : €FJI H	EO Index: IÏF€	— Dates Last Seen —
Occ Rank: W			Element: FJH 🛍 🖼
	æc`læ∰D>æcaãç^A∱&&`ll^}&\^ l^∙`{^åAÔ¢cæ}c		Site: FJH ĒdĒĒ
Trend: W			Record Last Updated: Œ€ŒFĒ
Quad Summary: Ùa	æ) ÁÚ^å¦[ÁÇHFFÌÎHBEÏHOED		
•			
County Summary: Š[Township: €Í Ù
	HÉI€ÎHJÓÁÐÁËFFÌÈGJHIFÓ		
Lat/Long: H UTM: Z	[}^ËFFÁ⊳HÍHÆHÍGÁÖHÌ€FIG	<u> </u>	Range: FHY
Lat/Long: H UTM: Z Radius: Fi	[}^ËFFÁÞHÍHEHÍGÁÖHÌ€FIG ⊞ÍÁ;ā^	Mapping PrecisionÞ∪ÞЁÚÓÓ Symbol Type:Ú∪ΦV	ÒO⊘OÔ Section: H€ Qtr: ÝÝ
Lat/Long: H UTM: Z Radius: F Elevation: F	[]}^ĒFFĀÞHÍHÐHÍGÄÖHÌÐFIG ÐÍÁJĀ^ ∈€EÁc	Mapping PrecisionÞUÞĒJÚÒĆ Symbol Type:ÚUΦV	
Lat/Long: H UTM: Z Radius: Fi Elevation: Fi	[]}^ĒFFĀÞHÏHEHÍGÄÖHÌEFIG ÆÐÁ;ā^ ∈€EÁc UQ⊵VÁØÖÜTQÞÈ	Symbol Type:ÚU Φ ∨	Ò@CCÓ Section: H€ Qtr:ÝÝ Meridian: Ù
Lat/Long: H UTM: Z Radius: F Elevation: F Location: Ú\(\)	[}^ĒFFĀÞHÏHEHÍGÄÖHÌEFIG ĐÍĄ AY E∈EÁc UQRVÁRZÖÜTQRÈ ÝOGÖVÁSUÖGSVQUÞÁNÞSÞUYÞĒÁTGEÍÚÖ	Symbol Type:ὑUΦV ὉΙΟΎΙΟΡΟΘΟΊΦΙΟΝΟΙΟΙΘΑΙΚΟΘΦΟΥΊΑΙΩΝΟΙΟ	Ö.0270Ö Section: H€ Qtr:ÝÝ Meridian: Ù DeVÁ27ÖÜT OeÈ
Lat/Long: H UTM: Z Radius: F Elevation: F Location: Ú\ Location Detail: Ó\ General: U	[]}^ĒFFĀÞHÌHEHÍGÄÖHÌEFIG TĐÁ; ā^ E€EÁc UORVÁGOÜTORÈ ÝOGÔVĀSUÔOGVOUÞÁNÞSÞUYÞĒĀTOEÚÚÒ ÞŠŸÄÜUWÜÔÒÁJØÁDØUÜTOGVOUÞÁGUÜ	Symbol Type:ÚU Φ ∨	Ö.0270Ö Section: H€ Qtr:ÝÝ Meridian: Ù DeVÁ27ÖÜT OeÈ
Lat/Long: H UTM: Z Radius: F Elevation: F Location: Ú\(\)	[]}^ĒFFĀÞHÌHEHÍGÄÖHÌEFIG TĐÁ; ā^ E€EÁc UORVÁGOÜTORÈ ÝOGÔVĀSUÔOGVOUÞÁNÞSÞUYÞĒĀTOEÚÚÒ ÞŠŸÄÜUWÜÔÒÁJØÁDØUÜTOGVOUÞÁGUÜ	Symbol Type:ὑUΦV ὉΙΟΎΙΟΡΟΘΟΊΦΙΟΝΟΙΟΙΘΑΙΚΟΘΦΟΥΊΑΙΩΝΟΙΟ	Ö.0270Ö Section: H€ Qtr:ÝÝ Meridian: Ù DeVÁ27ÖÜT OeÈ
Lat/Long: H UTM: Z Radius: F Elevation: F Location: Ú\ Location Detail: Ó\ General: U	[]}^ĒFFÁÐH HEHÍGÁÖHÌEFIG TÁÁ, AY EEÉÁC UQPVÁGÓÜTQDÈ ÝŒŐVÁŠUÔŒVQUÞÁVÞSÞUYÞÉÁTŒÚÚÓ ÞŠŸÁJUWÜÔÓÁJØÁDÞØUÜTŒVQUÞÁØUÚ ÞSŸÁJUWÜÔÓÁJØÁDÞØUÜTŒVQÞÁÐUÚ	Symbol Type:ὑUΦV ὉΙΟΎΙΟΡΟΘΟΊΦΙΟΝΟΙΟΙΘΑΙΚΟΘΦΟΥΊΑΙΩΝΟΙΟ	Ö.0270Ö Section: H€ Qtr:ÝÝ Meridian: Ù DeVÁ27ÖÜT OeÈ
Lat/Long: H UTM: Z Radius: Fi Elevation: Fi Location: Út Location Detail: Ó' General: Ut Owner/Manager: W Occurrence No. Ge Occ Rank: W	[[]^ÉFFÁÞH HEHÍGÁÖHÌEFIG ĐÍĄ AY EEEÁc UOPVÁØÖÜTOPÈ ÝŒÔVÁSUÔŒS/OUÞÁNÞSÞUYÞÉŤŒÚÚÖ ÞŠŸÁÙUWÜÔÒÁJØÁDÞØUÜTŒS/OUÞÁØUÜ ÞSÞUYÞ € MapIndex: IÏFEÍ ﴿}\}[.}	Symbol Type:ὑUΦV Ο ΆΟΥ ΆΟ Þ Ö Ö Ó ΑΦΑ ΑΘ Ο Þ Ο Ū ΘΕΘΑ ΑΘ ΦΟΥ ΑΙ ΘΑ ΙΟ Ο ΘΑΡΡΟΙΑΙ ΘΟ ΜΟ ΘΟ ΘΟ ΘΕΘΑ ΑΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο ΘΕΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο	Section: H€ Qtr: ÝÝ Meridian: Ù Dev ÁZÔÜT ODE De ÁÑŶÁZÔÜT ODE ÉBÞÔÔÖÙÁZÔĞĞÖY UÜSÈ — Dates Last Seen Element: FJIÎÉÉÎÉFG
Lat/Long: H UTM: Z Radius: Fi Elevation: Fi Location Detail: O' General: UI Owner/Manager: W Occurrence No. Georgank: W Origin: Pa	[[]^ÉFFÁÐH HEHÍGÁÖHÌEFIG #BÁÇĀY #GEÁC UOPVÁØÖÜTOPÈ #YÖEÖVÁĞUÖÖEYOUÞÁVÞSÞUYÞEĞTŒÚÚÖ ÞŠŸÁÜUWÜÖÖÁJØÁOPØUÜTŒYOUÞÁØUÜ #PSÞUYÞ #MapIndex: IÏFEÍ #}\}[.] ag: andeparagan/Ág&&: ^}&%	Symbol Type:ὑUΦV Ο ΆΟΥ ΆΟ Þ Ö Ö Ó ΑΦΑ ΑΘ Ο Þ Ο Ū ΘΕΘΑ ΑΘ ΦΟΥ ΑΙ ΘΑ ΙΟ Ο ΘΑΡΡΟΙΑΙ ΘΟ ΜΟ ΘΟ ΘΟ ΘΕΘΑ ΑΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο ΘΕΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο	Section: H€ Qtr: ÝÝ Meridian: Ù Dev/ÁZÒÜT OpÈ UÞÁÒŸÁZÒÜT OpĚBÞÒÒÖÜÁZÒĞŠÖY UÜSÈ —— Dates Last Seen
Lat/Long: H UTM: Z Radius: Fi Elevation: Fi Location Detail: O' General: UI Owner/Manager: W Occurrence No. Georgank: W Origin: Pa	[[] ^ ÉFFÁÞH HEHÍ GÁÖHÌ EFI G ÉÁ ÁY EEÁc U QVÁZÖÜT QÞÈ ÝŒÖVÁŠUÖŒVØÞÁNÞSÞUY ÞÉÁT ŒÚÚÖ ÞŠŸÁUUWÜÖÖÁJØÁQÞØUÜT ŒYQJÞÁZUÚ ÞSÞUY Þ ■ Map Index: IÏ F€Í Å\}[, } æ£ !æÆÞææá;^Á,&&*!!^} &^	Symbol Type:ὑUΦV Ο ΆΟΥ ΆΟ Þ Ö Ö Ó ΑΦΑ ΑΘ Ο Þ Ο Ū ΘΕΘΑ ΑΘ ΦΟΥ ΑΙ ΘΑ ΙΟ Ο ΘΑΡΡΟΙΑΙ ΘΟ ΜΟ ΘΟ ΘΟ ΘΕΘΑ ΑΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο ΘΕΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο	Section: H€ Qtr: ÝÝ Meridian: Ù Dev ÁZÔÜT ODE De ÁÑŶÁZÔÜT ODE ÉBÞÔÔÖÙÁZÔĞĞÖY UÜSÈ — Dates Last Seen Element: FJIÎÉÉÎÉFG
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Lat/Long: H UTM: Z Radius: F Elevation: F' Location Detail: O' General: UI Owner/Manager: W Occurrence No. Ge Occ Rank: W Origin: Pz Presence: Ú! Trend: W	[[] ^ ÉFFÁÞH HEHÍ GÁÐH EFI G ÉÁ AY EEÁC U OP VÁZÖÜT OPÈ Ý CŒŰVÄSUÖ CŒVOU ÞÁNÞSÞUY ÞÉÁT CŒŰÜÜ Þ ŠÝ ÁUUWÜÖÖÁU ZÁOÞ ZUÜT CŒVOU ÞÁZUÜ Þ SÞUY Þ € Map Index: I Ï FEÍ Å\}[, } æð iæð Þææðay Á, && '!\^} &^ ¡\^• * { ^ à ÁÖ¢ cæ} c Å\}[, } æð ÁÚ^à![ÁÐHFFI Î HÐBÏ HOÐD	Symbol Type:ὑUΦV Ο ΆΟΥ ΆΟ Þ Ö Ö Ó ΑΦΑ ΑΘ Ο Þ Ο Ū ΘΕΘΑ ΑΘ ΦΟΥ ΑΙ ΘΑ ΙΟ Ο ΘΑΡΡΟΙΑΙ ΘΟ ΜΟ ΘΟ ΘΟ ΘΕΘΑ ΑΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο ΘΕΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο	Section: H€ Qtr: ÝÝ Meridian: Ü DevÁzÒÜT OpÉ UÞÁZÒÜT OpÉÞÒÒÖÜÁZÒĞÖY UÜSÈ — Dates Last Seen Element: FJIÎÉÉÉFG Site: FJIÎÉÉÉFG
Lat/Long: H UTM: Z Radius: F Elevation: F Location: Úl Location Detail: Ó' General: Ul Owner/Manager: W Occurrence No. Ø Occ Rank: W Origin: Þa Presence: Ú! Trend: W Quad Summary: Úa	[[] ^ ÉFFÁÞH HEHÍ GÁÐH EFI G ÉÁ AY EEÁC U OP VÁZÖÜT OPÈ Ý CŒŰVÄSUÖ CŒVOU ÞÁNÞSÞUY ÞÉÁT CŒŰÜÜ Þ ŠÝ ÁUUWÜÖÖÁU ZÁOÞ ZUÜT CŒVOU ÞÁZUÜ Þ SÞUY Þ € Map Index: I Ï FEÍ Å\}[, } æð iæð Þææðay Á, && '!\^} &^ ¡\^• * { ^ à ÁÖ¢ cæ} c Å\}[, } æð ÁÚ^à![ÁÐHFFI Î HÐBÏ HOÐD	Symbol Type:ὑUΦV Ο ΆΟΥ ΆΟ Þ Ö Ö Ó ΑΦΑ ΑΘ Ο Þ Ο Ū ΘΕΘΑ ΑΘ ΦΟΥ ΑΙ ΘΑ ΙΟ Ο ΘΑΡΡΟΙΑΙ ΘΟ ΜΟ ΘΟ ΘΟ ΘΕΘΑ ΑΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο ΘΕΘΑ ΑΘΑ ΕΙΚΑΙ ΑΘΟ ΕΘΟ Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο	Section: H€ Qtr: ÝÝ Meridian: Ü DevÁzÒÜT OpĖ UpÁOŸÁZÒÜT OpĚAPÒÖÖÜÁZÒĞÖY UÜSÈ — Dates Last Seen — Element: FJIÎĒĒĒG Site: FJIÎĒĒĒG Record Last Updated: G€€GĒĒFĒG
Lat/Long: H UTM: Z[Radius: Fi Elevation: Fi Location Detail: O' General: UI Owner/Manager: W Occurrence No. Ge Occ Rank: W Origin: Pa Presence: Ui Trend: W Quad Summary: Ui County Summary: Si Lat/Long: H UTM: Z[[[] ^ ÉFFÁÞH HEHÍ GÁÐH EFI G ÉÁ ÁY EEÁC U OVÁGÓÜT OPÈ Ý CBÚ VÁGÓÜT OPÈ Ý CBÚ VÁGÓÜT OPÈ Ý CBÚ VÁGÓÜT OPÈ Ý CBÚ VÁGÓÜT OPÀ Þ ŠÝ ÁUUWÜÓÓÁU GÁOP ØUÜT OBVOUÞÁØUÚ Þ SÝ ÁUUWÜÓÓÁU GÁOP ØUÜT OBVOUÞÁØUÚ Þ SÞUY Þ Map Index: IÏFEÍ ﴿ \} ﴿ \} ﴿ \AiÓpææi \Ai && II^} &\ ¡^• 【 ^ AiÓpææi c ﴿ \} ﴿ \} Æ ÁYÀI ÁGHFFI Î HEÐ HOÐ [• ÁGE * ^ \^• HÉ FI ÉÍ ÓÁÐÉFFI ÈHFÍ FHÓ [] ^ ÉFFÁÞH HFI Í FÁÐH Ì ÉF	Sýmbol Type:ÚUQAV ÖÁÖŸÁÖÞÖÖÓÁQÞÁÖÒÞÖÜŒŠÁKÓÖQÞQYÁJÆÁÚUU ÚÁPPQUÁJÓÖWÜÜÖÞÖÖÁQÁŒFJHÁÖUŠŠÖÖVQ EOIndex: IÏFEÍ	Section: H€ Qtr: ÝÝ Meridian: Ù D-VÁRÒÜT Q-È D-ÁÒÝÁRÒÜT Q-ÈÀ-ÒÒÖÜÁRÒĞÖY UÜSÈ — Dates Last Seen Element: FJIÎÈÉÈĒG Site: FJIÎÈÉÌĒG Record Last Updated: G€€GÉEFÉÌ Township: €ÍÙ Range: FIY
Lat/Long: H UTM: Z Radius: F Elevation: F' Location Detail: O' General: UI Owner/Manager: W Occurrence No. Ge Occ Rank: W Origin: Pe Presence: Ui Trend: W Quad Summary: Occurty Summary: Si Lat/Long: H UTM: Z Radius: F	[[] ^ ÉFFÁÞH HEHÍ GÁÐH EFI G ÉÁ ÁY EEÁC U OVÁGÓÜT OPÈ Ý CBÚ VÁGÓÜT OPÈ Ý CBÚ VÁGÓÜT OPÈ Ý CBÚ VÁGÓÜT OPÈ Ý CBÚ VÁGÓÜT OPÀ Þ ŠÝ ÁUUWÜÓÓÁU GÁOP ØUÜT OBVOUÞÁØUÚ Þ SÝ ÁUUWÜÓÓÁU GÁOP ØUÜT OBVOUÞÁØUÚ Þ SÞUY Þ Map Index: IÏFEÍ ﴿ \} ﴿ \} ﴿ \AiÓpææi \Ai && II^} &\ ¡^• 【 ^ AiÓpææi c ﴿ \} ﴿ \} Æ ÁYÀI ÁGHFFI Î HEÐ HOÐ [• ÁGE * ^ \^• HÉ FI ÉÍ ÓÁÐÉFFI ÈHFÍ FHÓ [] ^ ÉFFÁÞH HFI Í FÁÐH Ì ÉF	Symbol Type:ὑUΦV ÖీీÓŸÂÒÞÖÖÓÁÞÁÖÒÞÖÜŒŠÁKÓÒΦŒYÄJÆÁÜUŒ ÜÁPŒÁJÔÓWÜÜÖÞÖÒÁÐÁÐÁFJHÁÖUŠŠÒÓVŒ EO Index: IÏF€Í Mapping PrecisionÞUÞĒJÚÒÓ	Section: H€ Qtr: ÝÝ Meridian: Ü De VÁROÙUT QuE Dates Last Seen Element: FJIÎĒĒĒG Site: FJIÎĒĒĒG Record Last Updated: G€€GĒĒFĒĠ Township: €ĒÛ Range: FIY Section: GĒ Qtr: ÝÝ
Lat/Long: H UTM: Z Radius: F Elevation: F Location Detail: O' General: U Owner/Manager: W Occurrence No. Ge Occ Rank: W Origin: Pa Presence: U Trend: W Quad Summary: O' County Summary: S Lat/Long: H UTM: Z Radius: F Elevation:	[] ^ ÉFFÁÞH HEHÍ GÁÐH EFI G ÉÁ AY EEÁC U QP VÁZÓÜT QPÈ Ý CZÓVÁŠU Ô CZVQU ÞÁNÞ SÞU Y ÞÉÁT CEÚÚÓ Þ ŠÝ ÁJU WÜ Ô Ó ÁJ ZÁÐÞ ZU ÜT CZVQU ÞÁZU Ü Þ SPU Y Þ Map Index: I Ï FEÍ Å\\[] . } æčí a þÐÞ ææðy Á, 88° \	Symbol Type:ὑUΦV ÖỐΥΡΟΘΟΙΦΑΘΟΙΟΘΕΙΝΟΘΟΙΑΘΙΑΙΟΝΟΙ ÖΚΟΥΙΘΕΙΝΟΘΟΙΑΘΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΘΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΟΙΑΙΟΝΟΙ	Section: H€ Qtr: ÝÝ Meridian: Ù D-VÁRÒÜT Q-È D-ÁÒÝÁRÒÜT Q-ÈÀ-ÒÒÖÜÁRÒĞÖY UÜSÈ — Dates Last Seen Element: FJIÎÈÉÈĒG Site: FJIÎÈÉÌĒG Record Last Updated: G€€GÉEFÉÌ Township: €ÍÙ Range: FIY
Lat/Long: H UTM: Z Radius: F Elevation: F Location Detail: O' General: UI Owner/Manager: W Occurrence No. Ge Occ Rank: W Origin: Pa Presence: Ui Trend: W Quad Summary: Occurrence W County Summary: Si Lat/Long: H UTM: Z Radius: F Elevation: Y	[[] ^ ÉFFÁÞHÍ HEHÍ GÁÖHÌ EFI G ÉÁ ÁY EEÁC U QVÁZÓÜT QÞÈ ÝŒÓVÁŠUÓŒVØÞÁMÞSÞUY ÞÉÄT ŒÚÚĊ ÞŠŸÁUUWÜÓÖÁJØÁQÞØUÜT ŒYŒJÞÁZUÜ ÞŠŸÁUUWÜÖÖÁJØÁQÞØUÜT ŒYŒJÞÁZUÜ ÞSÞUY Þ Map Index: IÏFEÍ Å\}[.] æčíæþÞææðyÁ,8&* II^} &^ ***** **** **** *** *** *** *	Symbol Type:ÚUQÞV ÖÁÝÁÞÖÖÁÆÞÖÒÁÆÞÖÒÞÖÜŒŠÁKÓÐŒQÝÁJÆÁÚUC ÜÁPÐÁJÓÓWŰÜÖÞÖÖÁÐÁÆJH ÁÐUŠŠÓÓVQ EO Index: IÏFEÍ Mapping PrecisionÞUÞĒJÚÓÓ Symbol Type:ÚUQÞV	Section: H€ Qtr: ÝÝ Meridian: Ü Qv/AZÒÜT QeÉ QPV/AZÒÜT QeÉAÞÒÒÖÜ/AZÒĞÖY UÜSÈ — Dates Last Seen — Element: FJIÎÉÉÉFG Site: FJIÎÉÉÉFG Record Last Updated: G€€GÉEFÉÉÍ Township: ۆ Range: FIY Section: Ğ Qtr: ÝÝ Meridian: Ü
Lat/Long: H UTM: Z Radius: F Elevation: F Location Detail: O' General: UI Owner/Manager: W Occurrence No. Ge Occ Rank: W Origin: Pa Presence: Ui Trend: W Quad Summary: Occurrence W County Summary: Si Lat/Long: H UTM: Z Radius: F Elevation: Y	[[] ^ ÉFFÁÞHÍ HEHÍ GÁÖHÌ EFI G ÉÁ ÁY EEÁC U QVÁZÓÜT QÞÈ ÝŒÓVÁŠUÓŒVØÞÁMÞSÞUY ÞÉÄT ŒÚÚĊ ÞŠŸÁUUWÜÓÖÁJØÁQÞØUÜT ŒYŒJÞÁZUÜ ÞŠŸÁUUWÜÖÖÁJØÁQÞØUÜT ŒYŒJÞÁZUÜ ÞSÞUY Þ Map Index: IÏFEÍ Å\}[.] æčíæþÞææðyÁ,8&* II^} &^ ***** **** **** *** *** *** *	Symbol Type:ὑUΦV ÖỐΥΡΟΘΟΙΦΑΘΟΙΟΘΕΙΝΟΘΟΙΑΘΙΑΙΟΝΟΙ ÖΚΟΥΙΘΕΙΝΟΘΟΙΑΘΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΘΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΕΙΝΟΘΟΙΑΙΟΝΟΙΟΘΟΙΑΙΟΝΟΙ	Section: H€ Qtr: ÝÝ Meridian: Ü Qv/AZÒÜT QeÉ QPV/AZÒÜT QeÉAÞÒÒÖÜ/AZÒĞÖY UÜSÈ — Dates Last Seen — Element: FJIÎÉÉÉFG Site: FJIÎÉÉÉFG Record Last Updated: G€€GÉEFÉÉÍ Township: ۆ Range: FIY Section: Ğ Qtr: ÝÝ Meridian: Ü

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Federal: (i) åæ)* State: Þ[}^	us ^¦^å		NDDB Element Ranks Global: ÕÍ VF State: ÙF		Other Lists ———————————————————————————————————	
	ssociations ———— ⑥VÒÖÁ/UÁ/PÒÁÔUUŠÉ	ÁZUŐ É JPÜLI WÖÖÖÄ			ÁÔUWÞVŸÈ	
			DEÜ BÄĞU ÞÔPWÙÁÇŠU ÔUY ÒÒÖIDÈ			
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Occ Rank: Origin:	:Þ[}^ :Þæcĭ¦æ∰D>ænäç^Át&&ĭ¦¦/	^} &^				FJÌ HẾÝ ẾÝ FJÌ Ì ẾÝ ẾÝ
Presence	: Ú[••āā ^ÁÖ¢cā]æe^å : W}\}[,}				Record Last Updated	
Quad Summary	:Ùæ)ÁÚ^å¦[ÁÇHFFÌÎHB	Œ HŒD				
County Summary	7: Š[•ÁŒ; *^ ^•					
_	: HHĒ GJJHÓĀĀĒFÌĒHHĒ				Township: €ÍÙ	
Area:		A II I FI	Mapping Precision	UÞËÙÚÒÔ Œ ÔÔ	Range: FIY Section: GG	Qtr: ⊃Ò
Elevation	:ÎI€Ác		Symbol Type:	JUŠŸÕUÞ	Meridian: Ù	
Location	I: ÙY QYÔPÓŒÛSÁŒÜÒŒ XÒÜÖÒÙÈ	ZÁÚCIŠU ÙÁX ÒÜ ÖÖÙ ÁÖÜ	JÁOLÁX QÙVOZÁÖ Ò ŠÁT CEÜ ÁÜ ÖÁÞ Ò CEÜ ÁRÓ	ÒVÁY ĐÁUCIŠU ÙÁX ÒÜ ÖÒÙÁÖÜ	ÁÒLÁØÜØÞÖÙPØJÁÚŒÜSÉ	ÄÜQEÞÔPUÁÚQEŠUÙ
Threat: General:	: ÔUÞVŒVŒÕÁÜÒÙŒ : ÙŒÒÁÞÒÖÖÜÁÒÝVÒÞI	OÒ P V (MÀ TÀ MÀ T	ÒÜÒÁ©AFJÌÎÊX РОЎРАЙÒÜÖÙÒE ÒÞVĒÁUŒÜSÁŌÀFUYÒÖÁŒÞÖÄÖÜS IJÞÁRATÁZOÜÒÁFŒÞOÆÖTÒÞVÁÚŠO ŸÁFŒÞŒÖÖÖĒÁVPÒÁKOÙVŒÖÒŠÁFŒ	SÒÖÄYҌ܊ŸÄÖWÜQÞÕÁÚXÓ ÞÁVUÁTQÞQTQZÒÄÖŒFQÆÖÒÁ	DÓ/ÉGEÜXGEŠÁUÜÁÚWÚGEŠÁ ZÖÜUT ÁÖGÖJSGÞŐ ÉJŐUUÖ	ÙVŒÕÒÙÈ
Owner/manager	. UN VLEUURT MURAUUK ER	WLI 700 (NP V I				1
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Occ Rank:	:Þ[}^ :Þæcĭ¦æ∰D>æcãc^Át&&ĭ¦¦/	^} &^			Site:	3 3 44 4 44 4
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Presence	:Ú[••ãā ^ÁÔ¢cãi]æe^å				Record Last Updated	I: ŒŒŒŒFŒŒ
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Presence: Trend:	: V[;; } : V[;; a) &^ A(; HFF) HBE.	J€Ö ⊡Á Ü^å[}å[ÁÓ^æ& ©	j¢+FFìïI BEJ€ÔD		Record Last Updated	i: Q CCCEET EE
Presence: Trend: Quad Summary County Summary Lat/Long	: W)\}[,} :V[a)&^AQHFFÌÏHBE. r:Š[•ÁDE;*^ ^• :HHĒÏJFÌGĀBĒFÈÈHH	ÎJó	SÁÇHFFIÏIBEJ€ÔD		Township: €Í Ù	i: Geedis-Bá
Presence: Trend: Quad Summary County Summary Lat/Long UTM:	: W,\}[, } :: V[;;;a) & AQ;++FF] ï HBE. r: Š[•AQ;+*^ ^• :: HHĒ ÍJF] & ABĒFF] ĒH H Z[}^ĒFFĀÞH H HGGĞ	ÎJó		NI IN B'I IÍ (À ÔMYŌ	Township: €ÍÙ Range: FIY	
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Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation	W,\}[,} :V[llæ)&AQ+HFFIÏHBE. :Š(•AQ;•A)(• :H+ETÍJFIĞABETFIÈHH Z[}AETFASHIHHEGĞO :FBDA(3A :FBDEGÄc	ÎJó HÎĞÎF	Mapping Precision	ÜU œ ∨	Township: € Ù Range: FI Y Section: € Meridian: Ù	
Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation	: V(a) & ÁQHFFI Î HBE. : V(a) & ÁQHFFI Î HBE. : Š(• ÁQF * ^ ^ • : HHĒ Í JFI Ó ÁBĒFI ĒH H Z() ^ ĒFĀÞH H HEGÓ : FÍÐĀ Ā^ : FÍÐEEÁc : ÞÓŒŪÁÐ VÖÜÜÖÖVŒ : ÙQYÒÄÖQÌŌUXÖÜÖÖÄ	ÎJÓ HÎĞÎF UPÂJØÄÜÖŒÖÜÖÜVÄÖÜ ŒAĞJÎFLŐ܌ЌŌĀÖ	Mapping Precision⊧ Symbol Type:↓	juoo⊳V IÒÙVÁÜÖLÁÜODÞÔPUÁÚOCŠUÙ DÞÁFJÌGEÌHEÁOÞÁFJÌHEÁÍÁOEÌV	Township: €Í Ù Range: FI Y Section: €Ì Meridian: Ù IÁ∖ÖÜÖÖÙÈ ÜÜŐÖÖŠWÙÁÚŠŒÞVÙÁWM	Qtr: ÝÝ ÜXQXÒÖÆAY UÁÚGS/Ô
Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation	While was a superior of the control	ÎJÓ HÎĞÎF UPÂJØÄÜÖŒÖÜÖÜVÄÖÜ ŒAĞJÎFLŐ܌ЌŌĀÖ	Mapping Precision⊧ Symbol Type:\ ÜQXÒÉŐÜÖÞÙPŒY ÆÖŠXÖÆÐĕÖÆÖ ÒÙVÜUŸÖÖÆT UÙVÆJÆÆŒÓQŒÆÆ	juoo⊳V IÒÙVÁÜÖLÁÜODÞÔPUÁÚOCŠUÙ DÞÁFJÌGEÌHEÁOÞÁFJÌHEÁÍÁOEÌV	Township: €Í Ù Range: FI Y Section: €Ì Meridian: Ù IÁ∖ÖÜÖÖÙÈ ÜÜŐÖÖŠWÙÁÚŠŒÞVÙÁWM	Qtr: ÝÝ ÜXQXÒÖÁQÞÁYYUÁÚŒUÝŐ
Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation Location General:	: V()\}[, } : V(Ha) & AQHFFI I HEE. 'E S(* AGE * A) AGHFFI EH H Z() AEF AD HI H HEGÓ : FBÁ, BA : FBÁCEÁ : ÞÓŒÐÁÞ VÖÜÜÖÖVÐ : ÚQYÓÄÖÐÓU XÖÜÖÖÁ ÓWWÁSŒVÖÜÄÖÜGEÖФ : ÚXV	ÎJÓ HÎĞÎF UPÂJØÄÜÖŒÖÜÖÜVÄÖÜ ŒAĞJÎFLŐ܌ЌŌĀÖ	Mapping Precision⊧ Symbol Type:\ ÜQXÒÉŐÜÖÞÙPŒY ÆÖŠXÖÆÐĕÖÆÖ ÒÙVÜUŸÖÖÆT UÙVÆJÆÆŒÓQŒÆÆ	JUCPV ÖÜVÄÜÖLÄÜCEPÕPUÁJCESUÜ OPÁFJÍCEIHEÖPÁFJÍHEÁÁCEJV ÙÁRÖÜÖÖÜÄÖŠWÖÁÖWWOÜ	Township: €Í Ù Range: FI Y Section: €Ì Meridian: Ù IÁXÒÜÖÒÙÈ ܌ՌŚWÙÁJŚŒÞVÙÁJW JØŠŒÒÙÁJÓÙÒÜXÒÒÂJŒ	Qtr: ÝÝ ÜXQXÒÖÆÇĀY UÁÚŒVÔ ÔÒÆJÌ Œ ast Seen
Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation Location General: Owner/Manager Occurrence No	: V(Ha) & ÁQHFFÌ ÏHBE. : V[Ha) & ÁQHFFÌ ÏHBE. : Š[•ÁQF* ^o : H-ÉÍ JFÌ Ó ÁÆFFÌ ÈÌ H Z[} ÆFÆÞHÌ H H-EGÓ : FÐÁ ¾ : FÉGEEÁc : ÞÓŒÍ ÁÐ VÖÜ ÜÖÖVQU : ÚQYÒ ÁÖQÌ ÖU XÖÜ ÖÖ Á ÖWWÄSŒI/ÖÜ ÄÖÜ ŒÖ Œ : ÚXV	ÎJÓ HÎGÎF UPÁJAÁVÒŒÔÜÒÙVÁÖÜ QAÉJÎFLÁÖÜŒÔÇŌÁÖ ÖÁVÒÖWÔÖÖÁÁVAÁ! APIndex: ∉TÎ΀	Mapping Precision: Symbol Type: ÚCKÔĐÔU ÓÞ ÙPCBY ÁOŠKÖ ÁÐÐ ÖÁÖÜ ÔÙVŰU ŸÔŐÁT U ÙVÁJ ÆÁPCBÓQCBYÁ ŠŒÐ VÙÁVUÁJÞ ŠŸÁYY U ÞÁÞUÁÚCIŠL	JUCPV ÖÜVÄÜÖLÄÜCEPÕPUÁJCESUÜ OPÁFJÍCEIHEÖPÁFJÍHEÁÁCEJV ÙÁRÖÜÖÖÜÄÖŠWÖÁÖWWOÜ	Township: €Í Ù Range: FI Y Section: €Í Meridian: Ù VÁXÒÜÖÒÙÈ ܌ՌŠWŮÁJŠŒÞVŮÁÜW VÆŠΦÙÁJÖÙÖÜXÒÖÁÜΦ — Dates L Element:	Qtr: ÝÝ ÜXQXÔÖÁQÞÁYY UÁÚŒVÔI ÔÒÁFJÌ Œ ast Seen ÝÝÝÝĚÝÝĚÝÝ
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Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation Location General: Owner/Manager Occurrence No Occ Rank: Origin: Presence:	W\\][,} : V[a & AQHFF HEE. : Š[• AQF * A/• : H-HE J F & AGHFF HEGAD : FED A; A^• : FED € A; : DOCED AGE VOU U O O VOU : UCYO AO OU O U O O O : UXV . Ma : Þ[}^ : Þace ag De assag ^ A; & & H	ÎJÓ HÎGÎF UPÁJAÁVÒŒÔÜÒÙVÁÖÜ QAÉJÎFLÁÖÜŒÔÇŌÁÖ ÖÁVÒÖWÔÖÖÁÁVAÁ! APIndex: ∉TÎ΀	Mapping Precision: Symbol Type: ÚCKÔĐÔU ÓÞ ÙPCBY ÁOŠKÖ ÁÐÐ ÖÁÖÜ ÔÙVŰU ŸÔŐÁT U ÙVÁJ ÆÁPCBÓQCBYÁ ŠŒÐ VÙÁVUÁJÞ ŠŸÁYY U ÞÁÞUÁÚCIŠL	JUCPV ÖÜVÄÜÖLÄÜCEPÕPUÁJCESUÜ OPÁFJÍCEIHEÖPÁFJÍHEÁÁCEJV ÙÁRÖÜÖÖÜÄÖŠWÖÁÖWWOÜ	Township: €Í Ù Range: FI Y Section: €Í Meridian: Ù VÁXÒÜÖÒÙÈ ܌ՌŠWŮÁJŠŒÞVŮÁÜW VÆŠΦÙÁJÖÙÖÜXÒÖÁÜΦ — Dates L Element:	Qtr: ÝÝ ÜXQ(ÒÖÁQÞÁY UÁÚŒVÔI ÔÒÁFJÍ GÈ ast Seen ÝÝÝÝĚÝÝĚÝÝ
Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation Location General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend:	: W \}[,} : V[aa & AAPHFFI] HEEL : Š[• AAB] * A PHFFI] HEEL : Š[• AAB] * A PHFFI] HEEL : Š[• AAB] * A PHFFI] HEEL I AEFA HI HI HEGAO : FÉDECÉA : ÞOCHÚÁD VOU VOOVOU : ÚNYO AÖOU ÓU VOU I MA : Þ[}^ : Þaæf aa PÞææán Á, && A	ÎJ6 HÎGÎF UPÂJØÂJÒŒÔÜÒÙVÂÖÜ ŒĀTJÎFLÃÕ܌ԌÔÃÔ ÕÂJÒÖWÔŎÖÆÂJØÁ! apIndex: €TÎ΀	Mapping Precisions Symbol Type: ედებ∰ეებ⊧ὺΡΟΥ ΆΟŠΧΟΑΦ ΘΑΌ ὸὺνῦυΫὸὸΑΤ υὺνΑὐΘΑΡΟΦΟΘΑ ṢΟΦ-ΥὺΑΛυΑὐΡ-ŠΥΑΛΥ UΕΦ-ŪΑὐΟΕŠŪ EO Index: GH	JUCPV ÖÜVÄÜÖLÄÜCEPÕPUÁJCESUÜ OPÁFJÍCEIHEÖPÁFJÍHEÁÁCEJV ÙÁRÖÜÖÖÜÄÖŠWÖÁÖWWOÜ	Township: €Í Ù Range: FI Y Section: €Ì Meridian: Û	Qtr: ÝÝ ÜXQ(ÒÖÁQÞÁY UÁÚŒVÔI ÔÒÁFJÍ GÈ ast Seen ÝÝÝÝĚÝÝĚÝÝ
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Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation Location General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long	: V(a) & AQHFF Î HE. : V(a) & AQHFF Î HE. : Š(• AQE * A Z() ^ EFFA>HÎ H HEGÎÔ : FBÎ Â, â^ : FÊGEÊAC : ÞԌΠĀB VÕÜÜÕÕVŒ : ŬŒVÔĀŌŒÎ ĀD VÕÜÕÕĀ ÖWĀŌŒÎ ĀB VÕÜÜÕÕĀ ÖWĀŌŒÎ ĀB VÕÜÜÕÕĀ : ÜXV . Ĭ Mā : Þ[}^ : Þaæ a∯Ð ææā, ^ Á, && / : Öçcā] æe â W, \} [, } : V[a) & AQHFF Î HE. : Š(• AQE * A : HĒÎ ĒÎ ÓÆĒFÎ ÈĒ Ğ	ÎJÁ HÎ ŒÎ F UÞÁJØÄÜÒŒÔÜÒÙVÄÖÜ ŒÁTJÎ FLÄÖ܌֌ŌÄÖ ÖÄÜÒÖWÖÒÖÄÄJØÄÜ: ap Index: ŒÎÎÊ€ ^}&^	Mapping Precisions Symbol Type: ედებ∰ეებ⊧ὺΡΟΥ ΆΟŠΧΟΑΦ ΘΑΌ ὸὺνῦυΫὸὸΑΤ υὺνΑὐΘΑΡΟΦΟΘΑ ṢΟΦ-ΥὺΑΤŪΑΊΡЬ ŠΥΑΥΥ ŪΘΑŪΟΚ EO Index: GH	JUCPV ÖÜVÄÜÖLÄÜCEPÕPUÁJCESUÜ OPÁFJÍCEIHEÖPÁFJÍHEÁÁCEJV ÙÁRÖÜÖÖÜÄÖŠWÖÁÖWWOÜ	Township: €Í Ù Range: FI Y Section: €Ì Meridian: Û IÁXÔÜÖÒÙÈ ܌ՌŚWÙÁJŚŒÞVÙÄJW — Dates L Element: Site: Record Last Updated	Qtr: ÝÝ ÜXQ(ÒÖÁQÞÁY UÁÚŒVÔI ÔÒÁFJÍ GÈ ast Seen ÝÝÝÝĚÝÝĚÝÝ
Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation Location General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long UTM:	. W/\}[, } : V[a & AQHFF Hee. : Š[• AQF * A PHFF Hee. : Š[• AQF * A PHFF Hee. : FB A A APHF Hee : DOYO AO OU OU OO OO : UOYO AO OU OU OO OO : UXV I Ma: : P[}^ W \}[, } : V[a & AQHFF Hee. : Š[• AQF * A PHFF Hee. : S[• AQF * A PHFF Hee. : Heef [e] OAQEFF & Hee. I Heef [e] OAQEFF & He	ÎJÁ HÎ ŒÎ F UÞÁJØÄÜÒŒÔÜÒÙVÄÖÜ ŒÁTJÎ FLÄÖ܌֌ŌÄÖ ÖÄÜÒÖWÖÒÖÄÄJØÄÜ: ap Index: ŒÎÎÊ€ ^}&^	Mapping Precisions Symbol Type: ÚQKÒĞÖÜÖÞÜPŒY ÁÖŠXÖÁŒÞÖÁÖÜ ÒÜVÜUŸÖÖÁT UÜVÁJØÁPŒÓQYŒYÁ ŠŒÞVÜÁVUÁJÞŠŸÁYY UĞÞUÁJŒŠU EO Index: GH	JU OP V I ÖÜV ÄÜÖ LÄÜ CEP ÖP U ÄÜ OĞU Ü OP ÁÇJİ CEİ HĂOP ÁÇJİ HĂÎ ÁŒJ V ÜJA ÖÜ ÖÖÜ ÄÖS NÖAÖNW VÖÜ ECF	Township: €Í Ù Range: FI Y Section: €Ì Meridian: Ù IÁXÒÜÖÒÙÈ ܌ՌŚWÌÁJŚŒÞVŮÁW — Dates L Element: Site: Record Last Updated Township: €Í Ù Range: FI Y	Qtr: ÝÝ ÜXQXÒÖÁDÞÁY UÁÚŒVÔ ÔÒÁFJÌ ŒÉ ast Seen ÝÝÝÝĚÝÝĚÝ FJÌÌĚÝÝĚÝÝ
Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation Location General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long UTM:	. W/\}[, } : V[!!a) & AQHFFÎ Î HBE. : Š[• AQF * ^ ^ : H-ÉÎ J FÎ ĞAĞÊFÎ ÊĤ H Z[} AFFA HÎ H HEGÂO : FÛA AP : FÊGEĞA : ÞÔŒĴ ĀŒ VÒÜÜÒÔVŒ : ÚŒ VÒÄÖÜÔU XÒÜÖÔĀ ÖW MĒŒ VÕÜÜÕÔVŒ : ÚŒ VÒÜÜÔÔVŒ : ÚŒ VÒÄÖÜÂÜ NÕÜĞE : VŒ VÀÜ I Ma: ! Þ[} ^ ! Þaæ la ABÞaæā ^ Á & & ' / ^ ! Oœ ā] ææ å W/\}[, } : V[!!a) & AQHFFÎ Î HBE. : Š[• AQF * ^ ^ • ! H-ÉÎ [e] L ĞAĞÊFÎ ÊĤ G Z[} AFFA HÎ H HÎ Î ÂO : FÛA AP	ÎJÁ HÎ ŒÎ F UÞÁJØÄÜÒŒÔÜÒÙVÄÖÜ ŒÁTJÎ FLÄÖ܌֌ŌÄÖ ÖÄÜÒÖWÖÒÖÄÄJØÄÜ: ap Index: ŒÎÎÊ€ ^}&^	Mapping Precisions Symbol Type: ედებ∰ეებ⊧ὺΡΟΥ ΆΟŠΧΟΑΦ ΘΑΌ ὸὺνῦυΫὸὸΑΤ υὺνΑὐΘΑΡΟΦΟΘΑ ṢΟΦ-ΥὺΑΤŪΑΊΡЬ ŠΥΑΥΥ ŪΘΑŪΟΚ EO Index: GH	JU OP V IÒÙ VÃI Ö LÃI CŒP ÔP U ÁJ CŒSU Ù IÐÁT JÌ CŒI HĂIOP ÁT JÌ HÁI ÁTEI V LÚK ÒÜ Ö ÒÙ ÁÓS N ÒÁO W V ÓÜ EGF	Township: €Í Ù Range: FI Y Section: €Ì Meridian: Û IÁXÔÜÖÒÙÈ ܌ՌŚWÙÁJŚŒÞVÙÄJW — Dates L Element: Site: Record Last Updated	Qtr: ÝÝ ÜXQCÒÖÁQÞÁY UÁÚOS/Ô ÔÒÁFJÌ GÉ ast Seen ÝÝÝÝĚÝĚÝ FJÌÌĚÝÝĚÝ
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Location	OĞU ÞÕÁJ ŠÖÁÐÜ ÒÞÙ POSY A	ÓŠXÖÁÓVY ÞÁŒŠVŒ	©ÜCEÁBÁÚUÜVWÕWÒÙÒÁÔŸÞ	Ù BÁCEÚ Ú Ü U Ý ÁSEĚÁT CÁPÁP C	EÜÔQÙŒŐÜÈ		
General:	ÙQYÒÁÖQÙÔU XÒÜÒÖÁQÞÁFJÌ TOGYÁÓÒÁY PÒÜÒÁÚŠOÐÞ VÙA						
Owner/Manager:	ÚXVËZKŠKOJÜWTÁÔUÜÚ						
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	FĐÁ đ	1	Mapping Precision	ÞUÞËÙÚÒÔØØÔ	Section:		Qtr: ÝÝ
Elevation:			Symbol Type		Meridian:	Ù	
Location:	ÔŒPŸUÞÁPÒŒÜÁØUÜÜÒÙ\	OBŠÁÖÜLÁÞÁBÁYÁUØÁØU	JÜÜÖÙVŒŠĒÚXVÁÖÜÁŒVÒÜ	IÙÒÔVQJÞÉÐÁJØÁSŠUÞÖ	OSÒÁÔŸÞÈ		
Threat:	U ÜXÇIÁDEÔVOXÒŠŸÁWÙÒÁ/P	ÒÁQEÜÒQEÁBÁÔÜÒQE/OÞ.(ÕÁ/ÜOEŠŠÙĖÄÜÒÙOÖÒÞVOQEŠÄČ	OÒXÒŠUÚT ÒÞVÁÚÒÞÖŒÞ	ŐÈ		
	ÓU VPÁÚCIŠU ÙÁK ÒÜÖ ÒÙÁÓŠ FJÌÎLFGÁQÞÁFJÌÏLÁFÎÁQÞÁFJÌ	WÒÁQÒÕÕÙÉÉŠŒÜXŒÒ	ÁBÁQEÖWŠVÙDÁQEÞÖÁQEÙVÜQEÕ			DÉOCÉWÙÁ.	IÓÙÒÜXÒÖÁ Þ ÁFJ
Owner/Manager:	ÚXVEÚŒŠUÙÁXÒÜÖÒÙÁÚÜL	ύὸϋνοὸὺ					
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	ŐWŠØÔÜÒÙVЁÒÜUΦÂÖÜA						
Location Detail	:ÚŒŠUÁXŌÙVŒŐÜŌXÒĒÂÚÒŒÁ	ÒŠ@WARGŠŠÙAÖÒXÒŠI	JÚT ÒÞVÁJÞÁÞUÜVPÁÙØÖÒ	ÁUØÁÜUŒÖÁŒÚÚÜUÝÁFÍ€	€ÁØVÁY ÖÙVÁUØÁRM	ÞÔVQJÞÁY	OVPÁGÍVPÁÚVÈ
	ÕÜŒÖQÞÕÁŒÞÖÁÖQÙSQÞÕÊÁ	iÒÙGÖÒÞVGGÁÖÒXÒ	ŠUÚT ÒÞV				
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General	: 02502E) ÖU Þ ÒÖÁU Ú Ü VOU Þ ÁU ØÁT (ŠQV) CEÜ Ÿ	ÁÜÒÙÒÜXŒVQUÞLÁUXÒÜÕÜUYÞÁY QYÞÁY ÒÒÖÜLÄHÁŒÙVÜÜ	OĐOŠWŲÁQUWE GÁĐÁTI I HÁOŠVPU WÕ PÁUVÜ ÒÙ ÙÒ
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Owner/Manager	: ÔQYŸÁJØÄŠUÙÁQEÞŐÒŠÒÙÉÄÛVŒVÒ		
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Lat/Long UTM: Radius:	: HHEÏÍ€GÌÓÁMÁÉFFÌÈHÏH€Ó Z[}^ÉFFÁÞHÏHÍGÌHÁÖHÏÍGFG : FÐÍÁ;ā^	Mapping Precision⊵ປՒເປິບໍ່⊘ົດໝື່	Range: FI Y Section: FÎ Qtr: ÝÝ
Lat/Long UTM:	: HHEÏÍ€GÌÓÁMÁÉFFÌÈHÏH€Ó Z[}^ÉFFÁÞHÏHÍGÌHÁÖHÏÍGFG : FÐÍÁ;ā^	Mapping PrecisionÞUÞĒÙÚÒÔ@© Symbol Type:ÚUΦV	Range: FIY
Lat/Long UTM: Radius: Elevation	: HHÉÉÍ €GÌ Ó MAÈFFÌ ÈH ÏHEÓ Z[}^ÈFÁRHÌHÍGÌHÁÖHÏÍGFG : FÐÍÁ; ā^ : FÉG€EÁc	· · · · · · · · · · · · · · · · · · ·	Range: FI Y Section: FÎ Qtr: ÝÝ
Lat/Long UTM: Radius: Elevation Location	: HHÉÍ EG Ó ÁBÉFTIÉH THEÓ Z[]^ÉFÁÞH HÍG HÁÐHÍÍ GFG : FÐÁ Ā? : FÉGEEÁc :: VUÚÁJØÁJOÐÁJÖÖÜUÁPGŠSÁKÓUWÞÖÖÖ	Symbol Type:ÚU Φ V SÁŸ ÁÐÜ ÒÙ VÁÜ ÖÁY ÖÙ VLÁÜ ŒÐ ÔP U ÁÚ ŒŠU ÙÁK ÒÜ ÖÖÙ È	Range: FI Y Section: FÎ Qtr: ÝÝ
Lat/Long UTM: Radius: Elevation Location	: HHÉÍ (GÌ ÓÁBÉFT) ÉH THE6 Z[}^ÉFÁÞH HÍ GÌ HÁÖHÍÍ GFG : FÐÍÁ Ā^ : FÍÐSEÁ: : VUÚÁJØÁJŒÞÁJÖÖÜUÆSŠÉÐÓUWÞÖÖÖ : Ő܌֌ÞŌÁŒÞÖÄÞÞÖÜUŒÔPT ÒÞVÁÖŸ	Symbol Type:ÚU Φ V Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Θ΄ Μ΄ Θ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄ Μ΄	Range: FIÝ Section: FÎ Qtr:ÝÝ Meridian: Ù
Lat/Long UTM: Radius: Elevation Location	: HHÉÍ EG ÁMÁFFI ÉH Í HEÓ Z[]^ÉFÁÞHÍ HÍ GÌ HÁÐHÍ Í GFG : FÐÁ ÞY : FÍÐEEÁc : VUÚÁUØÁUŒÞÁÚÖÖÜUÆGŠŠÆÓUWÞÖÖÖ : ÕÜŒĎŒŌÁŒÞÖÁDÞÖÜUŒÐPT ÒÞVÁÓÝ/ : ÚXÓÓÁŒÞÖÁŒÚV܌ЌŚWÚÁØUWÞÖÆÒ	Symbol Type:ÚU Φ V SÁŸ ÁÐÜ ÒÙ VÁÜ ÖÁY ÖÙ VLÁÜ ŒÐ ÔP U ÁÚ ŒŠU ÙÁK ÒÜ ÖÖÙ È	Range: FIY Section: FÎ Qtr: ÝÝ Meridian: Ù ÒÖÆÇÒÝÔÒÚVÆZUÜÁÁÚŠŒÞVÙDÍÓÝÆÖ܌֌çŐÆÇÆÆ
Lat/Long UTM: Radius: Elevation Location Threat: General:	: HHÉÍ EG ÁMÁFFI ÉH Í HEÓ Z[]^ÉFÁÞHÍ HÍ GÌ HÁÐHÍ Í GFG : FÐÁ ÞY : FÍÐEEÁc : VUÚÁUØÁUŒÞÁÚÖÖÜUÆGŠŠÆÓUWÞÖÖÖ : ÕÜŒĎŒŌÁŒÞÖÁDÞÖÜUŒÐPT ÒÞVÁÓÝ/ : ÚXÓÓÁŒÞÖÁŒÚV܌ЌŚWÚÁØUWÞÖÆÒ	Symbol Type:ÚU Φ V SÁŸ ÁÐÜ ÒÙ VÁÜ ÖÁY ÒÙ VIÁÜ ŒÐ ÔP U ÁÚ ŒŠU ÙÁX ÒÜ ÖÖÙ È ÁŒD Þ WŒŠÁÐÜ ŒŬ Ù ÔÙ ÁŒD ÖÁJ Ü Þ ŒF ÒÞ VŒŠÙ È Ü ÒÁÐAÁ; Jì FÁÚ SŒP VÁJ ÔÙ ÔÜ X ÖÖ ÁÐAF JÌ FÁÓW ÆÐ ÒÙ VÜU Ý V	Range: FIY Section: FÎ Qtr: ÝÝ Meridian: Ù ÒÖÆÇÒÝÔÒÚVÆZUÜÄÁÚŠŒÞVÙDÍÓŸÆÖ܌֌∙ÕÆ©ÆŒ
Lat/Long UTM: Radius: Elevation Location Threat: General:	: HHÉÍ EG ÁMÁFFI ÉH Í HEÓ Z[]^ÉFÁÞH HÍ GI HÁÐHÍÍ GFG : FÐÁ Å* : FÉÐEGÁ: :: VUÚÁJØÁJŒÞÁJÖÖÜUÆGŠŠÉÓUWÞÖÖÖ : ÖÜŒÖQÞÖÁŒÞÖÁÐÞÖÜUŒÐPT ÖÞVÁÖŸ, : ÚXÓÓÆÐFÖÁÆÍVÜŒÐÖSKÚJÁÐUNÞÖÆÒ FJÍ HÁÁGÁJŠŒÞVÚÆÐÁHÁSUÓCG/QJÞÚÁÐU	Symbol Type:ÚU Φ V AÁY ÁÐU ÒÙ VÁU ÖÁY ÒÙ VIÁU ŒĐ ÔP UÁU ŒŠU ÙÁX ÒÜ ÖÒÙ È ÁÆD P VOŒŠÁŌÜ ŒÙ ÙÒ ÙÁŒD ÖAU ÜP ŒT ÒP VOŒŠÙ È ÜÔ ÁP ÁFI Í FÁÚ SŒP VÁU ÔÙ ÖÜ X ÒÕ ÁP ÁFI Í HÁN WÁÖ ÒÙ VÜU Ý: IV MP ÖÁP ÁFI Í Í LÁU Þ ŠÝ ÁHÁZU WÞ ÖÁPA ÁFI Í ÉÐU ÁÚ X ÓÓÁU ÔÙ Ò	Range: FIY Section: FÎ Qtr: ÝÝ Meridian: Ü ÖÁÇÒÝÔÔÚVÁQUÜÁÁÜŠŒÐVÜDŐÖÝÄÖÜŒÐΦŐÁDÁŒÚÜÖÖVÁÖÜÖÐÐÐÁTÐÁTÐ
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager	: HHĒÍ GÌ ÁMĒFĪĒH ĪHGò Z[]^ĒFÁÞH H Ġ HÁÐH Í GFG : FÐÁ Ā^ : FÍÐEGÁc :: VU ÚÁJ ØÁJ ŒÞÁ ÚÖÖÜ UÁP GŠŠĒÓU WÞÖÖÖ : ÖÜ ŒĎ Φ ŐÁÐÞ ÖÄÞ ÖÜ U ŒĎ PT ÖÞ VÁÖŸ, : Ú X ÓÓ ÆÐ ÖÁÐB ÖÁÐ ÁÐ ÖÜ U ŒĎ PT ÖÞ VÁÖŸ, : Ú X ÓÓ ÆÐ ÖÁÐB ÖÁÐ ÁÐ ÖÜ U ŒĎ PT ÖÞ VÁÖŸ, : Ú X ÓÓ ÆÐ ÖÁÐB ÖÁÐ ÁHÐ ÚÖ ŒÐ ØJÞ ÚÁÐ U : Ú X V ÉÜ BÙ ÁÐ U ÞÙ V Ü WÔ V ØJÞ ÁÐ Ú : Ú X V ÉÜ BÙ ÁÐ U ÞÙ V Ü WÔ V ØJÞ ÁÐ U	Symbol Type:ÚU Φ V AÁY ÁÐU ÒÙ VÁU ÖÁY ÒÙ VIÁU ŒĐ ÔP UÁU ŒŠU ÙÁX ÒÜ ÖÒÙ È ÁTEP WŒŠÁŪ ÜŒÙ ÙÒ ÙÁTE ÖÁU ÜP ŒT ÒP VŒŠÙ È ÜÔÁP ÁT Í FŘÚ ŠŒP VÁU ÔÙ ÖÜX ÒÕ ÁP ÁT Í HÁVWÁ ÖÖÙ VÜU Ý: IWP ÖÁP ÁT Í Í ÍÁU Þ ŠÝ ÁHÁU WP ÖÁP ÁT Í Í ÉÐU ÁÚ X ÓÓÁU ÔÙÒ	Range: FIY Section: FÎ Qtr: ÝÝ Meridian: Ù ÒÖĀÇÌÝÔÔÚVÁÐUÜÁ ÁÚŠŒÐVÙ DÁOÝÁÖÜŒ ÔΦÕÁDÁTA. ÜXÖÖÁÜ ΦÔÓÁFJÌ FÂÚ ÔÖPV ΦÕÈ — Dates Last Seen
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No	HHÉÍ €Ğ ÁMÜEFİ ÜH Ï HEÓ Z[]^ĒFĀÞH H Ğ HÁÐH Í GFG FÐÁ Ā FÖÐÁ Ā FÖÐÁ Ā FÖÐÆÄÞ VUÚÁJØÁJŒÞÁJÖÖÜUÆĞSŠÆÖUWÞÖÖÖ ÖÜŒÖΦŌÁŒÞÖÄÞÖÖÜUŒĎPTÖÞVÁÖŸ ÚXÓÓÆÐFÖÁŒJVÜŒŌŒŚNÚÁØJWÞÖÆÖ FJÌ HÄÆĞÁJŚŒÞVÜÁÞÁHÄŪÖŒJØJÞÜÁÐU ÚXVÉJBÙÁÐUÞÙVÜWÔVØJÞÁÐU FÏ Map Index: €FJI F Þ[}^	Symbol Type:ÚU Φ V AÁY ÁÐU ÒÙ VÁU ÖÁY ÒÙ VIÁU ŒĐ ÔP UÁU ŒŠU ÙÁX ÒÜ ÖÒÙ È ÁTEP WŒŠÁŪ ÜŒÙ ÙÒ ÙÁTE ÖÁU ÜP ŒT ÒP VŒŠÙ È ÜÔÁP ÁT Í FŘÚ ŠŒP VÁU ÔÙ ÖÜX ÒÕ ÁP ÁT Í HÁVWÁ ÖÖÙ VÜU Ý: IWP ÖÁP ÁT Í Í ÍÁU Þ ŠÝ ÁHÁU WP ÖÁP ÁT Í Í ÉÐU ÁÚ X ÓÓÁU ÔÙÒ	Range: FI Y Section: FÎ Qtr: ÝÝ Meridian: Ù ÖÖÁÇÒÝÔÒÚVÁZUÜÁ ÁÜŠŒÞVŮDŐÖŸÄÖÜŒÖΦŌÁÞÁŒŰ ÜXŐÖÁJŒÞÓÁFJÌ FÁJŒĎPVŒŌĖ — Dates Last Seen Element: ÝÝÝÝĚÝÝ
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No Occ Rank: Origin:		Symbol Type:ÚU Φ V AÁY ÁÐU ÒÙ VÁU ÖÁY ÒÙ VIÁU ŒĐ ÔP UÁU ŒŠU ÙÁX ÒÜ ÖÒÙ È ÁTEP WŒŠÁŪ ÜŒÙ ÙÒ ÙÁTE ÖÁU ÜP ŒT ÒP VŒŠÙ È ÜÔÁP ÁT Í FŘÚ ŠŒP VÁU ÔÙ ÖÜX ÒÕ ÁP ÁT Í HÁVWÁ ÖÖÙ VÜU Ý: IWP ÖÁP ÁT Í Í ÍÁU Þ ŠÝ ÁHÁU WP ÖÁP ÁT Í Í ÉÐU ÁÚ X ÓÓÁU ÔÙÒ	Range: FIY Section: FÎ Qtr: ÝÝ Meridian: Ù ÖÖÁÐÝÔÒÚVÁÐUÜÁÁÚŠŒÞVÜDÓŸÆÖÜŒÖΦÖÁÐÁŒ ÜXŐÖÁÙФÔÓÆJÌ FÁÙŐÐPVФÖÈ — Dates Last Seen
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence:	HHÉÍ €Ğ ÁMÜEFİ ÜH Ï HEÓ Z[]^ĒFĀÞH H Ğ HÁÐH Í GFG FÐÁ Ā FÖÐÁ Ā FÖÐÁ Ā FÖÐÆÄÞ VUÚÁJØÁJŒÞÁJÖÖÜUÆĞSŠÆÖUWÞÖÖÖ ÖÜŒÖΦŌÁŒÞÖÄÞÖÖÜUŒĎPTÖÞVÁÖŸ ÚXÓÓÆÐFÖÁŒJVÜŒŌŒŚNÚÁØJWÞÖÆÖ FJÌ HÄÆĞÁJŚŒÞVÜÁÞÁHÄŪÖŒJØJÞÜÁÐU ÚXVÉJBÙÁÐUÞÙVÜWÔVØJÞÁÐU FÏ Map Index: €FJI F Þ[}^	Symbol Type:ÚU Φ V AÁY ÁÐU ÒÙ VÁU ÖÁY ÒÙ VIÁU ŒĐ ÔP UÁU ŒŠU ÙÁX ÒÜ ÖÒÙ È ÁTEP WŒŠÁŪ ÜŒÙ ÙÒ ÙÁTE ÖÁU ÜP ŒT ÒP VŒŠÙ È ÜÔÁP ÁT Í FŘÚ ŠŒP VÁU ÔÙ ÖÜX ÒÕ ÁP ÁT Í HÁVWÁ ÖÖÙ VÜU Ý: IWP ÖÁP ÁT Í Í ÍÁU Þ ŠÝ ÁHÁU WP ÖÁP ÁT Í Í ÉÐU ÁÚ X ÓÓÁU ÔÙÒ	Range: FI Y Section: FÎ Qtr: ÝÝ Meridian: Ù ÖÖÁÇÒÝÔÒÚVÁZUÜÁ ÁÜŠŒÞVŮDŐÖŸÄÖÜŒÖΦŌÁÞÁŒŰ ÜXŐÖÁJŒÞÓÁFJÌ FÁJŒĎPVŒŌĖ — Dates Last Seen Element: ÝÝÝÝĚÝÝ
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence:	HHÉÍ GÓ ÁMÉFIÐ Í HEÓ Z[]^ÉFÁÞHÍ HÍ GÌ HÁÐHÍÍ GFG : FÐÍÁ Ā^ : FÍÐEGÉÁc :: VUÚÁJØÁJŒÞÁJÖÖÜUÆGŚŚĒÓUWÞÖÖÖ : ÖÜŒÖΦÖÁŒÞÖÁÐÞÖÜUŒÐPT ÖÞVÁÖŸ, : ÚXÓÓÆÐFÖÁÆÐVÖŒJŒŚWÜÆUWÞÖÆÐ FJÍ HÄHCÁJŚŒÞVÚÆÞÁHŠUÖŒSWÞJÓÐU :: ÚXVÉJBÙÁÐUÞÙVÜWÔVÐJÞÁÐU . FÍ Map Index: €FJI F : Þ[]^ : Þæť lætÐÞææð;^Á && '! ^} &^ : Öæā]æ°à : W},\}[,}	Symbol Type:ÚU Φ V AÁY ÁÐU ÒÙ VÁU ÖÁY ÒÙ VIÁU ŒĐ ÔP UÁU ŒŠU ÙÁX ÒÜ ÖÒÙ È ÁTEP WŒŠÁŪ ÜŒÙ ÙÒ ÙÁTE ÖÁU ÜP ŒT ÒP VŒŠÙ È ÜÔÁP ÁT Í FŘÚ ŠŒP VÁU ÔÙ ÖÜX ÒÕ ÁP ÁT Í HÁVWÁ ÖÖÙ VÜU Ý: IWP ÖÁP ÁT Í Í ÍÁU Þ ŠÝ ÁHÁU WP ÖÁP ÁT Í Í ÉÐU ÁÚ X ÓÓÁU ÔÙÒ	Range: FI Y Section: FÎ Qtr: ÝÝ Meridian: Û ÒÖÁDÒÝÔÒÚVÁZUÜÁ ÁÚŠŒÞVŮDÔЎÁŌÜŒŌΦŌÁDÁŒ ÜXÔÔÁŪΦÔÔÆJÌ FÂÜØPVŒŌĒ —— Dates Last Seen Element: ÝÝÝĚÝĚÝÝ Site: FJÌÎĒĒĒÝÝ
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend:	HHÉÍ GÓ ÁMÉFIÉH Í HGÓ Z[]^ÉFÁÞHÍ HÍ GÌ HÁÐHÍÍ GFG : FÐÍÁ Ā' : FÍÐEGÉÁc :: VUÚÁJØÁÚŒÞÁÚÖÖÜUÆGŠŠÉÓUWÞÖÖÖÖ : Ö܌֌ÞÖÁÆÞÖÁÞÖÜUŒĎPT ÖÞVÁÖŸ, : ÚXÓÓÆÞÖÁÆÐVÖÆÐÁHÖÆUNÞÖÆÒ FJÍ HÄHCÁÚŚŒÞVÚÆÞÁHÖÆUÖŒŚWÞÞÚÁÐU :: ÚXVÉJBÙÁÖUÞÙVÜWÖVŒÞÁÐ . FÏ Map Index: €FJI F : Þ[}^ : Þæð ÍæÐÞæææ¼^Á &&`!!^) &^ : ÒæálæÞææå;^Á &&`!!^) &^ : ÖæálæÞææå; Á &&`!!^) &^ : Úæá ÁÍVá![ÆÞHFFÍÎ HÐÐÍ HŒÐ	Symbol Type:ÚU Φ V AÁY ÁÐU ÒÙ VÁU ÖÁY ÒÙ VIÁU ŒĐ ÔP UÁU ŒŠU ÙÁX ÒÜ ÖÒÙ È ÁTEP WŒŠÁŪ ÜŒÙ ÙÒ ÙÁTE ÖÁU ÜP ŒT ÒP VŒŠÙ È ÜÔÁP ÁT Í FŘÚ ŠŒP VÁU ÔÙ ÖÜX ÒÕ ÁP ÁT Í HÁVWÁ ÖÖÙ VÜU Ý: IWP ÖÁP ÁT Í Í ÍÁU Þ ŠÝ ÁHÁU WP ÖÁP ÁT Í Í ÉÐU ÁÚ X ÓÓÁU ÔÙÒ	Range: FI Y Section: FÎ Qtr: ÝÝ Meridian: Û ÒÖÁDÒÝÔÒÚVÁZUÜÁ ÁÚŠŒÞVŮDÔЎÁŌÜŒŌΦŌÁDÁŒ ÜXÔÔÁŪΦÔÔÆJÌ FÂÜØPVŒŌĒ —— Dates Last Seen Element: ÝÝÝĚÝĚÝÝ Site: FJÌÎĒĒĒÝÝ
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary	HHÉÍ GÓ ÁMÉFÍ ÉHÍ HGÓ Z[]^ÉFÁÞHÍ HÍ GÌ HÁÔHÍÍ GFG : FÐÍÁ Å* : FÍÐSEGÁC :: VUÚÁJØÁJŒÞÁJÓÖÜUÆGŠŠÆÓUWÞÖÖÖÖ : ÖÜŒĎŒŌÁŒÞÖÁÐÞÖÜUŒÐPT ÒÞVÁÖŸ, : ÚXÓÓÁŒÞÖÁŒJV܌ЌŠWÚÁZUWÞÖÆÒ FJÌ HÆÁGÁJŠŒÞVÙÁÐÁHŠUÓŒGYŪÞÜÁZU :: ÚXVÉÜBÙÁÖUÞÙVÜWÔVŒJÞÁOU : ÚXVÉÜBÙÁÖUÞÙVÜWÔVŒJÞÁOU . FÍ Map Index: €FJI F : ÞE[}^ : ÞÆÉ !æÞÐææá;^Á &&` !!^} &^ : Óæá]ææå W}\}[,} : ÚæjÁÁ^á![ÁGHFFÍÎ HÐÐ HŒD	Symbol Type:ÚU Φ V AÁY ÁÐU ÒÙ VÁU ÖÁY ÒÙ VIÁU ŒĐ ÔP UÁU ŒŠU ÙÁX ÒÜ ÖÒÙ È ÁTEP WŒŠÁŪ ÜŒÙ ÙÒ ÙÁTE ÖÁU ÜP ŒT ÒP VŒŠÙ È ÜÔÁP ÁT Í FŘÚ ŠŒP VÁU ÔÙ ÖÜX ÒÕ ÁP ÁT Í HÁVWÁ ÖÖÙ VÜU Ý: IWP ÖÁP ÁT Í Í ÍÁU Þ ŠÝ ÁHÁU WP ÖÁP ÁT Í Í ÉÐU ÁÚ X ÓÓÁU ÔÙÒ	Range: FI Y Section: FÎ Qtr: ÝÝ Meridian: Û ÒÖÁDÒÝÔÒÚVÁZUÜÁ ÁÚŠŒÞVŮDÔЎÁŌÜŒŌΦŌÁDÁŒ ÜXÔÔÁŪΦÔÔÆJÌ FÂÜØPVŒŌĒ —— Dates Last Seen Element: ÝÝÝĚÝĚÝÝ Site: FJÌÎĒĒĒÝÝ
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long	: HHĒÍ €Ġ ἀΝΑŒFÌ ĒH Ï HEઇ Z[}^ĒFĀÞH H Ġ HÁŌH Í GFG : FÐ Á ¾ : FÆSEÁc :: VUÚÁJØÄJŒÞÁJÖÖÜUÆĠŠĒÓUWÞÖÖÖ : ÖÜŒĎŒŌĀŒÞÖÄĎÞÖÜUŒĎPT ÒÞVÁÖŸ, : ÚXĊÓÁŒÞÖÁŒĬVÜŒĎŒŚWŨÆUWÞÖÆÒ FJÌ HÄÄFÄŸŠŒÞVÙÆÞÁHŠUÔŒÆJÐÞÜÆU : ÚXVĒJBÜÄÖUÞÜVÜWÖVŒJÞÄÖU . FÏ Map Index: €FJI F : ÞE[}^ : Þæš Jæ∯Þæææ¸Á¸Á && ;I/^} &^ : Òæā Jæ°à : W, \}[, } : Ùæð ÁJÁ; ĀÇHFFÌ Ì HÐÐ HŒÐ 7: Š[•ÁŒ; */ ^• : HHĒFFI €ÁNÆFFÌ ĒÐÍ ể ó	Symbol Type:ÚU Φ V AÁY ÁÐU ÒÙ VÁU ÖÁY ÒÙ VIÁU ŒĐ ÔP UÁU ŒŠU ÙÁX ÒÜ ÖÒÙ È ÁTEP WŒŠÁŪ ÜŒÙ ÙÒ ÙÁTE ÖÁU ÜP ŒT ÒP VŒŠÙ È ÜÔÁP ÁT Í FŘÚ ŠŒP VÁU ÔÙ ÖÜX ÒÕ ÁP ÁT Í HÁVWÁ ÖÒÙ VÜU Ý: IWP ÖÁP ÁT Í Í ÍÁU Þ ŠÝ ÁHÁU WÞ ÖÁP ÁT Í Í ÉÐU ÁÚ X ÓÓÁU ÔÙÒ	Range: FIY Section: FÎ Qtr: ÝÝ Meridian: Ù ÒÖĀĐÝÔÒÚVÆUÜÁÁÚŠŒÞVÜDÖŸÆÜŒÖФÖÆÞÆÆ ÜXŐÖÁÚФÔÓÆJÌ FÁÚŐPVФŐÈ —— Dates Last Seen Element: ÝÝÝÝĚÝĚÝ Site: FJÌÎĒEÍĚÝ Record Last Updated: FJJÍĒFFĒEG
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long UTM:	: HHÉÍ e G GÁÆFT 註 THE6 Z[]^ÊFÁÞH H G HÁÐH Í GFG : FÐÁ Å : FÍÐEEÁc :: VUÚÁJØÁJŒÞÁJÖÖÜUÆGŠŠÉÖUWÞÖÖÖ : ÖÜŒÖΦŌÁŒÞÖÁÞÖÜUŒĎPT ÖÞVÁÖŸ, : ÚXÓÓÆÞÖÁŒÌVÜŒĎŒŠWÜÁZUWÞÖÆÒ FJÌ HÄHCÁÚŚŒÞVÚÆÞÁHŠUÖŒGWÞÚÁZU : ÚXVÉJBÙÁÖUÞÙVÜWÔVΦJÞÁÖU . FÏ Map Index: 任JI F : Þ[}^ : Þæð [æðÞææð;^Á && ! ^) &^ : Òæá]æð°å : Wy\}[, } : Üæð ÁÍVå![ÆÞHFFÌÎHÐĒHŒD : Š[*ÁŒ]*^ ^• : HHĒFFI €ÁÐĒFÌĒÐÍ ĒÐÍ Ġ Ó Z[]^ĒFÁÞH HEJF€ÄÖH JJJÎ	Symbol Type: ÚU Φ V DÁÝ ÁÐU ÒÙ VÁU ÁH Ó Ů VILÁU ŒÐ ÔP U ÁU ŒŠU Ù ÁK ÒÜ Ö ÖÙ È ÁÐE Þ VA CEŠÁÐU CEÐU ÒÙ ÁÐE Ö ÁU Ü Þ ŒT Ó Þ V CEŠÙ È Ü Ó ÁÐE ÁFJÍ FÆÚ ŠŒÐ VÁU ÓÙ ÖÜX ÒÖ ÁÐE ÁFJÍ HÁÐW VÁÖ ÒÙ VÜU ÝI I VIÞ Ö ÁÐE ÁFJÍ Í LÁU Þ SÝ ÁHÐU VIÞ Ö ÁÐE ÁFJÍ Í BÍÐU ÁÚ X Ó ÓÁU ÓÙ Ò EO Index: GHEEÍ	Range: FI Y Section: FÎ Qtr: ÝÝ Meridian: Ù CÔÁCÒÝÔÔÚVÁZUÜÁ ÁÚŠCBÞVŮDÓÖÝÄÖÜŒÖΦŌÁÞÁŒ ÜXÔÔÁĴÆÔÓÁŢĴ FÂŰŐPVŒŌĖ — Dates Last Seen Element: ÝÝÝĚÝĚÝÝ Site: FJIÎÆÉÉÝÝ Record Last Updated: FJJÍÆFÆEG Township: ÉÜ Range: FI Y
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Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation Location	HHÉÍ EGÍ ÓÁBÉFTÍ ÉHÍ HEÓ Z[}^ÉFFÁÞHÍ HÍ GÍ HÁÖHÍÍ GFG FÐÍÁ ¾ FÍÐEEFÁÞ : VUÚÁJØÁJŒÞÁJÖÖÜUÆGŠÉÓUWÞÖÖÖÖ : ÖÜŒÖΦ ÖÁŒÞÖÁÐÞÖÜUŒÐPT ÒÞVÁÖÝ. : ÚXÓÓÆÞÖÁÆÞÖÁÐÞÖÜUŒÐPT ÒÞVÁÖÝ. : ÚXÓÓÆÐFÖÁÆÐV܌ЌŠWÚÁÐAJWÞÖÆÒ FJÌ HÉÁHGÁJŚŒÞVÚÁÞÁHÁSUÓŒJØJÞÚÁÐU : ÚXVÉÜBÙÁÖUÞÙVÜWÔVŒJÞÁÖU . FÍ Map Index: €FJI F : Þ[}^ : Þæð læþÞæææç^Á && !!^} &^ : Öææl æð * W/\}[, } : ÜæjÁÍAÁÍÍÁÐHFFÍ Í HÐÐÍ HŒÐ 7: Š[*ÁŒ *^*^	Symbol Type: ÚU Φ V JÁÝ ÁÐU ÓÙ VÁU ÁU ÓÁ Ý ÓÙ VIÁU ŒÐ ÓP UÁU ŒŠU ÚÁK ÓÜ ÓÓÙ È ÁÆD Þ VIŒŠÁÐU ŒÐU ÙÓÙ ÁÆD ÓÁU ÜÞÆT ÓÞ VIŒŠÜ È ÜÓ ÁÐA ÁFJÍ FÆÚ ŠŒÐ VÁU ÓÙ ÓÜ XÓ ÓÁÐA ÁFJÍ HÁV WÁÐÓÙ VÜ Ü Ý. IMÞÖ ÁÐA ÁFJÍ Í LÁU Þ ŠÝÁHÁZU WÞÖ ÁÐA ÁFJÍ Í ÆÐU ÁU XÓÓÁU ÓÙ Ó EO Index: GHÆÐ Mapping Precision Þ U ÞĒÚ ÚÓÔ ŒŒ Symbol Type: ÚU Φ V XŒÁÙÁU ÆÁY Y ŒT Φ Ő ÁÜ U U ŠÁUŠU Þ Ö ÁÜ ÖÁÞ ÜÄÖ Œ20 ÒÝÆU U.	Range: FIY Section: FÎ Qtr: ÝÝ Meridian: Ù ÒČÁÇÒÝÔÔÚVÁQUUĂ ĂÚŠŒÞVŮDÍÓŸÄŌÜŒÔΦŌÁŒÁŒ ÜXÔÔÁJŒÔÔÁFJÌ FÁJ®PVŒŌÈ — Dates Last Seen Element: ÝÝÝÝĚÝĚÝ Site: FJÌ ÎĒĒĒÝÝ Record Last Updated: FJJÍĒFĒĒG Township: ÉÎ Ù Range: FIY Section: Ġ Qtr: ÝÝ Meridian: Ù
Lat/Long UTM: Radius: Elevation Location Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long UTM: Radius: Elevation Location	HHÉÍ EGÍ ÓÁBÉFTÍ ÉHÍ HEÓ Z[}^ÉFFÁÞHÍ HÍ GÍ HÁÖHÍÍ GFG FÐÍÁ ¾ FÍÐEEFÁÞ : VUÚÁJØÁJŒÞÁJÖÖÜUÆGŠÉÓUWÞÖÖÖÖ : ÖÜŒÖΦ ÖÁŒÞÖÁÐÞÖÜUŒÐPT ÒÞVÁÖÝ. : ÚXÓÓÆÞÖÁÆÞÖÁÐÞÖÜUŒÐPT ÒÞVÁÖÝ. : ÚXÓÓÆÐFÖÁÆÐV܌ЌŠWÚÁÐAJWÞÖÆÒ FJÌ HÉÁHGÁJŚŒÞVÚÁÞÁHÁSUÓŒJØJÞÚÁÐU : ÚXVÉÜBÙÁÖUÞÙVÜWÔVŒJÞÁÖU . FÍ Map Index: €FJI F : Þ[}^ : Þæð læþÞæææç^Á && !!^} &^ : Öææl æð * W/\}[, } : ÜæjÁÍAÁÍÍÁÐHFFÍ Í HÐÐÍ HŒÐ 7: Š[*ÁŒ *^*^	Symbol Type:ÚUΦV JÁÝ ÁÐÜÒÙVÁÜÖÁY ÒÜVIÁÜŒÞÔPUÁÚŒŠUÙÁKÒÜÖÖÙĖ ÁÆÞ PVŒŠÁÐÜŒÐÜÒÁÆÞÖÁUÜÞŒFÖÞVŒŠÙÈ ÜÓÁÞÁFJÍ FÄÚŠŒÞVÁJÖÜÖÜXÒÖÁÞÁJÍ HÁMWÄÖÖÙVÜUŸI IMÞÖÁÞÁFJÍ Í LÁJÞŠÝÁHÁUWÞÖÁÞÁJÍ Í ÉÞUÁÚXÓÓÁJÖÙÖ EO Index: G-K-EÍ Mapping PrecisionÞUÞĒĽÚÖÔŒÆĎ Symbol Type:ÚUΦV	Range: FIY Section: FÎ Qtr: ÝÝ Meridian: Ù ÒČÁÇÒÝÔÔÚVÁQUUĂ ÁÚŠŒĐ VÙ DÁOÝÁŌÜŒÔΦŌÁΦÁŒ ÜXÔÔÁJŒÔÔÁFJÌ FÁJ®PVŒŌĒ —— Dates Last Seen —— Element: ÝÝÝÝĚÝĚÝÝ Site: FJÌ ÎĒĒĒÝÝ Record Last Updated: FJJÍĒFĒĒG Township: ÉÎ Ù Range: FIY Section: GÍ Qtr: ÝÝ Meridian: Ù

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	Threat: VPÜÒŒ/ÙÁ	OP ÔŠWÖÒÁP ŒÓQVŒVÁÖÒÙVÜV	NÔVQUÞÁQÐÞÖÁUXÒÜÔUŠŠÒÔVQUÞÁÓŸÁÓWWVÒÜØ	ŠŸ <i>Í</i> ÔUŠŠÒÔVUÜÙÈ	

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		JÊÁÚŠŒŸŒŮÊÁKO	EŠŠÒŸÁOEÞÖÁØUUVPOŠŠÁÕ	ÜŒÙÙŠŒÞÖÊÁKÒÜÞŒŠÁÚUUŠI	:ÙÈ		
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ū				PÁÖÖXÒŠUÚT ÒÞVÆRÐÌÁJÔĈ	ÔWÜÜÖÖÁDÞÁ/POÙÁDEÜÒOFÁÙOÞÔ	ÒÆJFÏÈ	
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Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation:	Þæð æð æð æð / Å & & & \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	HEJ€ÖD İÌÎI6 HÄÖHÌ€İJÌ ÓOXYÓYÄÜŠUWŐ	PÉÁ⊳UÜVPÁJØÁYĞSTO⊳Ő	Symbol Type:ÚU®V VUÞÈ	Township Range Ò © ©© Sectior Meridiar	Site: st Updated: o:	FJÎGĞƏHĞĞİ : GGEFGÜÜFFÜH€ Qtr: ÝÝ
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation:	Page adfb agg	BEJ€ÖD ÎÎÎÎ6 HÄOHÎ €ÎJÎ ÔOYÔYÂÜŠUWÔ ÂMPSÞUYÞĒ	PÊN UÜVPÁJØÁ VĚT QOŐ TO CEÚÚ Ô ÖÁ Ó Ý Ô Þ Ö Ö Ó ÁCE	Symbol Type:ÚU®V VUÞÈ	Townshij Range ÔŒ© Sectior	Site: st Updated: o:	FJÎGĞƏHĞĞİ : GGEFGÜÜFFÜH€ Qtr: ÝÝ
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation: Location Detail	Þæś aþ æð æð / 4, 88 Ú ^• ' { ^ á / Ô¢cæ } c Ú ^• ' { ^ á / Ô¢cæ } c W \	BEJ€ÖD İİİI6 HÄÖHİ€İJÌ ÖÖXYÖYÄÜĞUWŌ ÖAMPSBUYPE İMÂUYÆOĞÜÖL	ΡΕΙΈΝΟ ΝΑΙ ΜΑΚ (ΈΝΤ ΦΑ ΤΟ ΓΙΑΙ ΜΑΚΑΙ ΜΑΚΑΙ ΜΑΚΑΙ ΜΑΙ ΜΑΙ ΜΑΚΑΙ ΜΑΚΑΙ ΜΑΙ ΜΑΙ ΜΑΙ ΜΑΙ ΜΑΙ ΜΑΙ ΜΑΙ ΜΑΙ ΜΑΙ Μ	Symbol Type:ÚU Q>V VUÞË JÁÓÒÙVÁÖWÒÙÜÁQÞÁ/PÒÁXÓÒQ	Township Range Šectior Meridian Meridian Meridian Meridian	Site: st Updated: o:	FJÎ GĞÐ-ĒĞÎ : GGEF-GĒĒT-FĒĒ+E Qtr: ÝÝ
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation: Location Location Detail	Page lagBr aggin	HEJ€ÖD ÎÎÎÎ6 HÂOHÎÉÎJÎ ÓOYOYÂÛSUWŌ PÂMPSPUYPÊ ÎÛÂPUYAPOĞÛO VÂOUŠÖÒPÁÚO	PÉÞUÜVPÁJØÁY GÍT OÞÖ ÁT CEÚÚÖÖÁÖY ÁÐÞÖÖÓÁRE JÜÁÜÖÖGJÞCEÁÍGEÍSE EVŐPÖÙÁRESUÞÖÁ/PÖÁÖÖ	Symbol Type:ÚU Φ V VUÞË JÁÓÒÙVÁÑWÒÙÜÁÞÁPÒÁKÓÞ ÑÕÁLIØÁPÒÁÜŒŠVÁTŒÜÙPÁV	Township Range Šœcó Sectior Meridiar POYÁJØÁPCEÚÓUÜÁSOSÓÁDÞÖ.	Site: st Updated: o:	FJÎ GĂĐIĂĞÎ : GAFEĀĒFĒHE Qtr: ÝÝ
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation: Location Location Detail	Þæg ˈæ̞ˈðÞææð;^Á; &&` Ú!^• * { ^ā/Ö¢æa; c W; \	BEJ€ÖD BÌÌÌI6 HÁÒHÌ €ÌJÌ ÓŒYÓŸÁÜŠUWŌ ÞÁNÞSÞUY ÞĒ BÁÞUY ÁPOBÍÓU VÁÖUŠÖÖÞÁÚO ØÆÞØUÁOUÜÁ	PÉÞUÜVPÁJØÁY GÍT GÞŐ ÁT CEJÚCCÁNÝ AÐÞÖCÁAE JÜÄJCÓGUÞCEÁJCEÚSE BYÓPCÚÁTÉSUÞŐÁPCÁC IGYCÁÐJÁTEÁVÜCEÞÚCÚGOCC	Symbol Type:ÚU O V VUÞË JÁÓÒU VÃO WÒÙ Ú Á ÞÁ PÒÁ K Ó Ó Ó ÖÖÁU ØÁ PÒÁU ŒŠ VÁT ŒÛ Ù PÁ V ÄÚ Ú ÒÔ OT Ò ÞÆ SŒ Ó ŠÄÁU Ù Ù Ó	Townshij Range Sectior Meridiar POYÁJØÁPŒŰÓUÜÆGESÒÁDEÖ. OYPÁJŒŠŒŮUÜÞŒGÂŬÜĒ ĎŠÒÁŌÜÜUÜÄGAÄÜŒĐŨŎÜŒ	Site: st Updated: D:	FJÎ GĂĐHĂĞÎ : GEFEÜÜFFÜÜHE Qtr: ÝÝ ÖQÞÕÁT ŒÜÜPÁŒÜÖÖ ÒÁÑJÁZUÜÁÞÖÁJZÁÓ
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation: Location Location Detail Ecological General:	Page	BEJ€ÖD BÌÌÌI6 HÁÒHÌ €ÌJÌ ÓŒYÓŸÁJŠUWŌ ÞÁNÞSÞUY ÞĒ JÁÞUY ÁPOBÍÓU VÁÖUŠÖÖÞÁÚO ØÆÞØUÁOUÜÁ	PÉÞUÜVPÁJØÁY GÍT GÞŐ ÁT CEJÚCCÁNYÁDÞÖCÁAE JÜÄJCČÖUJÞCEÁJCEÚSE BYÓPCÚÁTÉSUÞŐÁPCÁC IGYCÁÐJÁTEÁVÜCEÞÚCÚGÓCČ	Symbol Type:ÚU O V VUÞË JÁÓÒU VÃO WÒÙ Ú Á ÞÁ PÒÁ K Ó Ó Ó ÖÖÁU ØÁ PÒÁU ŒŠ VÁT ŒÛ Ù PÁ V ÄÚ Ú ÒÔ OT Ò ÞÆ SŒ Ó ŠÄÁU Ù Ù Ó	Township Range Šœcó Sectior Meridiar POYÁJØÁPCEÚÓUÜÁSOSÓÁDÞÖ.	Site: st Updated: D:	FJÎ GĂĐHĂĞÎ : GEFEÜÜFFÜÜHE Qtr: ÝÝ ÖQÞÕÁT ŒÜÜPÁŒÜÖÖ ÒÁÑJÁZUÜÁÞÖÁJZÁÓ
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation: Location Location Detail	Page	BEJ€ÖD BÌÌÌI6 HÁÒHÌ €ÌJÌ ÓŒYÓŸÁJŠUWŌ ÞÁNÞSÞUY ÞĒ JÁÞUY ÁPOBÍÓU VÁÖUŠÖÖÞÁÚO ØÆÞØUÁOUÜÁ	PÉÞUÜVPÁJØÁY GÍT GÞŐ ÁT CEJÚCCÁNYÁDÞÖCÁAE JÜÄJCČÖUJÞCEÁJCEÚSE BYÓPCÚÁTÉSUÞŐÁPCÁC IGYCÁÐJÁTEÁVÜCEÞÚCÚGÓCČ	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GÄÚ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Townshij Range Sectior Meridiar POYÁJØÁPŒŰÓUÜÆGESÒÁDEÖ. OYPÁJŒŠŒŮUÜÞŒGÂŬÜĒ ĎŠÒÁŌÜÜUÜÄGAÄÜŒĐŨŎÜŒ	Site: st Updated: D:	FJÎ GĂĐĂGÎ : GEFEÜTFÜHE Qtr: ÝÝ ÖQĐÕÁT GÜÜPÁGÜÒ ÒÁQÍÁUÜÁAUÜÁ-ÒÁJQÁÓ
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation: Location Location Detail Ecological General: Owner/Manager	中國 日本野	BEJ€ÖD BÌÌÌI6 HÁÒHÌ €ÌJÌ ÓŒYÓŸÁJŠUWŌ ÞÁNÞSÞUY ÞĒ JÁÞUY ÁPOBÍÓU VÁÖUŠÖÖÞÁÚO ØÆÞØUÁOUÜÁ	PÉÞUÜVPÁJØÁY ČÍT CÞÓ ÍT CEÚÓ Ò ÖÁY Á ÞO Ö Ó ÁRE JÜÄÜ Ò Ö Ö JÞCE Á Í CEÚS É BYÓ P Ò Ù ÁRE Ú P Ö Á Í P Ó Á Ö IQYÓ ÁÐ ÁREÁ Ú CEÞÚ Ö Ü CÓ Ó BYÓ ÁBA Á JÚ Ó Ò G Ó ÞÁ ÁÐ Á Ø	Symbol Type:ÚU O V VUÞË JÁÓÒU VÃO WÒÙ Ú Á ÞÁ PÒÁ K Ó Ó Ó ÖÖÁU ØÁ PÒÁU ŒŠ VÁT ŒÛ Ù PÁ V ÄÚ Ú ÒÔ OT Ò ÞÆ SŒ Ó ŠÄÁU Ù Ù Ó	Townshij Range Sectior Meridiar POYÁJØÁPŒŰÓUÜÆGESÒÁDEÖ. OYPÁJŒŠŒŮUÜÞŒGÂŬÜĒ ĎŠÒÁŌÜÜUÜÄGAÝÜŒÐŮÒÜŒÚV	Site: st Updated: o: el ù : FHY i: HF i: ù AUWÜÜUWHO OUHAREJAUGY ÖÜÄÇÖUÄÄI GE	FJÎ CĂĐĂĞÎ : GEFEÜFFÜKE Qtr: ÝÝ ÖOD-ŐÁT CÜÜUPÁDĞIÒ ĎÁDÁZUÜÁPÓÁJZÁÖ ĎÁDÁZUÜÁPÓÁJZÁÖ ŠÓY U
Origin: Presence: Trend: Quad Summary: County Summary: Lat/Long: UTM: Radius: Elevation: Location Detail Ecological General: Owner/Manager Occurrence No. Occ Rank:		HEJ€ÖD ÎÎÎÎI6 HÂDHÎEÎJÎ DOYÖYÂUSUWÔ DÂWDSDUY ÞÊ ÛÂHUY ÁPŒÜÖL WÂDUŠÖÒÞÁUŒ ØÁDEÆUÁÐUÜÁĞÖŒ Map Index: Î	PÉÞUÜVPÁJØÁY ČÍT CÞÓ ÍT CEÚÓ Ò ÖÁY Á ÞO Ö Ó ÁRE JÜÄÜ Ò Ö Ö JÞCE Á Í CEÚS É BYÓ P Ò Ù ÁRE Ú P Ö Á Í P Ó Á Ö IQYÓ ÁÐ ÁREÁ Ú CEÞÚ Ö Ü CÓ Ó BYÓ ÁBA Á JÚ Ó Ò G Ó ÞÁ ÁÐ Á Ø	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GÄÚ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Townshij Range Sectior Meridiar POYÁJØÁPŒŰÓUÜÆGESÒÁDEÖ. OYPÁJŒŠŒŮUÜÞŒGÂŬÜĒ ĎŠÒÁŌÜÜUÜÄGAÝÜŒÐŮÒÜŒÚV	Site: st Updated: D:	FJÎ CĂĞHĂĞÎ : GEFEÜFFÜKE Qtr: ÝÝ ÖQQ ÕÁT CÜÜÜPÁGÜÖ ÖÁQ ÖÁT CÜÜÜPÁGÜÖ ÄÇÖÖÜÜÁZOÜĞÖY U AST Seen FJÎ CÄĞHÄĞÎ
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation: Location Detail Ecological General: Owner/Manager Occurrence No. Occ Rank: Origin:	Dag: app asig.^k, &s: U!^•' { ^ à/Ö¢æ; c W\}[. } V[!!æ] & ^ ApHFFITH Si • ADE * ^ Ip• E H-HĒTITI / ABĀĒFI EG Z[} ^ ĒFĀPHI HUJH H	HEJ€ÖD ÎÎÎÎI6 HÂDHÎEÎJÎ DOYÖYÂUSUWÔ DÂWDSDUY ÞÊ ÛÂHUY ÁPŒÜÖL WÂDUŠÖÒÞÁUŒ ØÁDEÆUÁÐUÜÁĞÖŒ Map Index: Î	PÉÞUÜVPÁJØÁY ČÍT CÞÓ ÍT CEÚÓ Ò ÖÁY Á ÞO Ö Ó ÁRE JÜÄÜ Ò Ö Ö JÞCE Á Í CEÚS É BYÓ P Ò Ù ÁRE Ú P Ö Á Í P Ó Á Ö IQYÓ ÁÐ ÁREÁ Ú CEÞÚ Ö Ü CÓ Ó BYÓ ÁBA Á JÚ Ó Ò G Ó ÞÁ ÁÐ Á Ø	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GÄÚ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Townshij Range Sectior Meridiar POYÁJØÁPŒŰÓUÜÆGESÒÁDEÖ. OYPÁJŒŠŒŮUÜÞŒGÂŬÜĒ ĎŠÒÁŌÜÜUÜÄGAÝÜŒÐŮÒÜŒÚV	Site: st Updated: D:	FJÎ CĂĐĂĞÎ : GEFEÜFFÜKE Qtr: ÝÝ ÖOD-ŐÁT CÜÜUPÁDĞIÒ ĎÁDÁZUÜÁPÓÁJZÁÖ ĎÁDÁZUÜÁPÓÁJZÁÖ ŠÓY U
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation: Location Location Detail Ecological General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence:		HEJ€ÖD ÎÎÎÎI6 HÂDHÎEÎJÎ DOYÖYÂUSUWÔ DÂWDSDUY ÞÊ ÛÂHUY ÁPŒÜÖL WÂDUŠÖÒÞÁUŒ ØÁDEÆUÁÐUÜÁĞÖŒ Map Index: Î	PÉÞUÜVPÁJØÁY ČÍT CÞÓ ÍT CEÚÓ Ò ÖÁY Á ÞO Ö Ó ÁRE JÜÄÜ Ò Ö Ö JÞCE Á Í CEÚS É BYÓ P Ò Ù ÁRE Ú P Ö Á Í P Ó Á Ö IQYÓ ÁÐ ÁREÁ Ú CEÞÚ Ö Ü CÓ Ó BYÓ ÁBA Á JÚ Ó Ò G Ó ÞÁ ÁÐ Á Ø	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GŰ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Township Range Section Meridian POYĂJØĀPŒĴÓUÜĀŒŒĎÁŒĐÖ, OYPĂĴŒŚŒĎUÜÞŒŒĀŪÚÈ ĎŠĊÁČŪÜUŪĀŒĀŪŒĐŪČŒŪÓ VŒJÞÆŒŪUTĀĴŒŚUŨĀĸĊŨŎĊĀŒ	Site: st Updated: b:	FJÎ CĂĞHĂĞÎ : GEFEÜFFÜKE Qtr: ÝÝ ÖQQ ÕÁT CÜÜÜPÁGÜÖ ÖÁQ ÖÁT CÜÜÜPÁGÜÖ ÄÇÖÖÜÜÁZOÜĞÖY U AST Seen FJÎ CÄĞHÄĞÎ
Origin: Presence: Trend: Quad Summary: County Summary: Lat/Long: UTM: Radius: Elevation: Location Detail Ecological General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend:	Dag Agb asig Ag & & U	HEJ€ÖD ÎÎÎÎI6 HÂDHÎEÎJÎ ĎOÝÓŸÂUŠUWÔ ĎANDSBUY ÞĒ ÛÁRUY ÁRŒÜÓU VÁÖUŠÖÒÞÁÜŒ ØÁDØUÁŒÜÖ ØÁDØUÁŒÜÖ ØÁDØUÁŒÜÖ Map Index: Î	PÉÞUÜVPÁJØÁY ČÍT CÞÓ ÍT CEÚÓ Ò ÖÁY Á ÞO Ö Ó ÁRE JÜÄÜ Ò Ö Ö JÞCE Á Í CEÚS É BYÓ P Ò Ù ÁRE Ú P Ö Á Í P Ó Á Ö IQYÓ ÁÐ ÁREÁ Ú CEÞÚ Ö Ü CÓ Ó BYÓ ÁBA Á JÚ Ó Ò G Ó ÞÁ ÁÐ Á Ø	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GŰ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Township Range Section Meridian POYĂJØĀPŒĴÓUÜĀŒŒĎÁŒĐÖ, OYPĂĴŒŚŒĎUÜÞŒŒĀŪÚÈ ĎŠĊÁČŪÜUŪĀŒĀŪŒĐŪČŒŪÓ VŒJÞÆŒŪUTĀĴŒŚUŨĀĸĊŨŎĊĀŒ	Site: st Updated: b:	FJÎ CĂĞHĂĞÎ : GEFEÜFÜHE Qtr: ÝÝ ÖQPÖÁT ŒÜÜPÁQĞÓ ÒÁQÁQÜÖÖY ÜÜ ÄSTSEEN FJÎ CÄĞHÄĞÎ FJÎ CÄĞHÄĞÎ
Origin: Presence: Trend: Quad Summary: County Summary: Lat/Long: UTM: Radius: Elevation: Location Detail Ecological General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Quad Summary:	Dag AgD asig Ag & & U A A A A A A A A	HEJ€ÖD ÎÎÎÎI6 HÂDHÎEÎJÎ ĎOÝÓŸÂUŠUWÔ ĎANDSBUY ÞĒ ÛÁRUY ÁRŒÜÓU VÁÖUŠÖÒÞÁÜŒ ØÁDØUÁŒÜÖ ØÁDØUÁŒÜÖ ØÁDØUÁŒÜÖ Map Index: Î	PÉÞUÜVPÁJØÁY ČÍT CÞÓ ÍT CEÚÓ Ò ÖÁY Á ÞO Ö Ó ÁRE JÜÄÜ Ò Ö Ö JÞCE Á Í CEÚS É BYÓ P Ò Ù ÁRE Ú P Ö Á Í P Ó Á Ö IQYÓ ÁÐ ÁREÁ Ú CEÞÚ Ö Ü CÓ Ó BYÓ ÁBA Á JÚ Ó Ò G Ó ÞÁ ÁÐ Á Ø	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GŰ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Township Range Section Meridian POYĂJØĀPŒĴÓUÜĀŒŒÒÁŒĐÖ, OYPĂĴŒŚŒŎUÜÞŒŒĀŪÚÈ ĎŠĊĀČŪÜUŪĀŒĀŪŒĐŪČŒŪÓ VŒJÞÆŒŪUTĀĴŒŚUŨĀĸĊŨŎĊĀŒ	Site: st Updated: b:	FJÎ CĂĞHĂĞÎ : GEFEÜFÜHE Qtr: ÝÝ ÖQPÖÁT ŒÜÜPÁQĞÓ ÒÁQÁQÜÖÖY ÜÜ ÄSTSEEN FJÎ CÄĞHÄĞÎ FJÎ CÄĞHÄĞÎ
Origin: Presence: Trend: Quad Summary: County Summary Lat/Long: UTM: Radius: Elevation: Location Location Detail Ecological General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Quad Summary: County Summary	Dag AgD agg Ag & & U Ag Ag Ag Ag Ag Ag Ag	HEJ€ÖD ÎÎÎÎI6 HÄCH΀ÎJÎ PÂNESEUY EPÊ JÂEUY ÂPOBÎÓL VÂOUŠCÔEÁJO ØÁPOUÁZUÜÁ Map Index: ÎÎ (HA) &	PÉÞUÜVPÁJØÁY ČÍT CÞÓ ÍT CEÚÓ Ò ÖÁY Á ÞO Ö Ó ÁRE JÜÄÜ Ò Ö Ö JÞCE Á Í CEÚS É BYÓ P Ò Ù ÁRE Ú P Ö Á Í P Ó Á Ö IQYÓ ÁÐ ÁREÁ Ú CEÞÚ Ö Ü CÓ Ó BYÓ ÁBA Á JÚ Ó Ò G Ó ÞÁ ÁÐ Á Ø	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GŰ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Township Range Sectior Meridian POYÁJ 24P CEJÓU ÜÃCE ÒÁDE Ö COYPÁJCES CÓU ÜÞODÁJÚÉ ĎSÔ ÔÜÜ ÜÜÜ ÚÁDE Á ÜCE ÙÔ ÜÓÚ VOU ÞÁZŰ UTÁJCESU ÚÁS ÔŬ Ô ÖÁ RECORD LA	Site: st Updated: b:	FJÎ CĂĞHĂĞÎ : GEFEÜFÜHE Qtr: ÝÝ ÖQPÖÁT ŒÜÜPÁQĞÓ ÒÁQÁQÜÖÖY ÜÜ ÄSTSEEN FJÎ CÄĞHÄĞÎ FJÎ CÄĞHÄĞÎ
Origin: Presence: Trend: Quad Summary: County Summary: Lat/Long: UTM: Radius: Elevation: Location Detail Ecological General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Quad Summary: County Summary: Lat/Long:		HEJ€ÖD ÎÎÎÎIÓ HÖHÎÉÎJÎ ÓŒYÓŸÂÙŠUWŌ ĐÁNĐSĐUY ÞĒ ÜÁÐUY ÁPŒJÓU ØÁDUŠÖÒÞÁJO ØÁDEJÁDUÜÁ ŠŠÖÖVUÜÆÖÖ MapIndex: ÎÎ 'HAEÎHOED	PÉÞUÜVPÁJØÁY ČÍT CÞÓ ÍT CEÚÓ Ò ÖÁY Á ÞO Ö Ó ÁRE JÜÄÜ Ò Ö Ö JÞCE Á Í CEÚS É BYÓ P Ò Ù ÁRE Ú P Ö Á Í P Ó Á Ö IQYÓ ÁÐ ÁREÁ Ú CEÞÚ Ö Ü CÓ Ó BYÓ ÁBA Á JÚ Ó Ò G Ó ÞÁ ÁÐ Á Ø	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GŰ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Township Range Sectior Meridiar POYÁJØÁPŒĴÓUÜÆŒSÒÁŒĐÔ POPÁJŒŚŒŮUÜÞŒŒĴÚĖ ĎŚÒĴÔÜÜUÜÆĀÁŸÜŒÞŨÔŨŒV VOJÞÁÐŨUTÁĴŒŚUŨÁKÔŬÕÒÃÔ Record La	Site: st Updated: b:	FJÎ CĂĞHĂĞÎ : GEFEÜFÜHE Qtr: ÝÝ ÖQPÖÁT ŒÜÜPÁQĞÓ ÒÁQÁQÜÖÖY ÜÜ ÄSTSEEN FJÎ CÄĞHÄĞÎ FJÎ CÄĞHÄĞÎ
Origin: Presence: Trend: Quad Summary: County Summary: Lat/Long: UTM: Radius: Elevation: Location Detail Ecological General: Owner/Manager Occurrence No. Occ Rank: Origin: Presence: Trend: Quad Summary: County Summary: Lat/Long:	Dag AgD agg Ag & & U A A Ag Ag Ag Ag Ag	HEJ€ÖD ÎÎÎÎIÓ HÖHÎÉÎJÎ ÓŒYÓŸÂÙŠUWŌ ĐÁNĐSĐUY ÞĒ ÜÁÐUY ÁPŒJÓU ØÁDUŠÖÒÞÁJO ØÁDEJÁDUÜÁ ŠŠÖÖVUÜÆÖÖ MapIndex: ÎÎ 'HAEÎHOED	PÉÞUÜVPÁJØÁY ŠT ÞÓ TOUÚÓÖÁÓYÁÓÞÖÓÁRE JÜÄÜÖÖQJÞŒŠÁJŒÍSÈ BYÓPÖÙÁRÉUÞÖÁYPÖÁÖÖ BYÓPÖÄÐÁTÁVÜŒÞŮÖÜGÓÖ BYÓÆBÁJÚÖÖGTÖÞÄÁÐÁØ	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GŰ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Township Range Sectior Meridiar POYÁJØÁP ŒJÓUÜĀŠŒSÒÁŒĐÖ, VOYPÁJŒŠŒĎUÜÞŒJĀÚÜĒ ĎŠÒÁÖÜÜUÜĀĢÁŸŒĐŪÒŪŒVV VOYPÁØÜUTÁJŒŠUÙÁKÒŨÖÒÄĞ —— Record La Township Range	Site: st Updated: o: 《 Ù : FHY i: HF i: Ù	FJÎ CĂĞHĂĞÎ : GEFEÜFÜHE Qtr: ÝÝ ÖQPÖÁT ŒÜÜPÁQĞÓ ÒÁQÁQÜÖÖY ÜÜ ÄSTSEEN FJÎ CÄĞHÄĞÎ FJÎ CÄĞHÄĞÎ
Origin: Presence: Trend: Quad Summary: County Summary: Lat/Long: UTM: Radius: Elevation: Location Detail Ecological General: Owner/Manager Occurrence No. Occ Rank:		HEJ€ÖD ÎÎÎÎI6 HÂDHÎEÎJÎ DOYÖYÂUSUWÔ DÂWDSDUY ÞÊ ÛÂHUY ÁPŒÜÖL WÂDUŠÖÒÞÁUŒ ØÁDEÆUÁÐUÜÁĞÖŒ Map Index: Î	PÉÞUÜVPÁJØÁY ČÍT CÞÓ ÍT CEÚÓ Ò ÖÁY Á ÞO Ö Ó ÁRE JÜÄÜ Ò Ö Ö JÞCE Á Í CEÚS É BYÓ P Ò Ù ÁRE Ú P Ö Á Í P Ó Á Ö IQYÓ ÁÐ ÁREÁ Ú CEÞÚ Ö Ü CÓ Ó BYÓ ÁBA Á JÚ Ó Ò G Ó ÞÁ ÁÐ Á Ø	Symbol Type: ÚU Q V IVU Þ È JÁÓÒÙ VÁÑ WÒÙ ÚÁÞÁ P ÒÁ WÔ Q ÑÕÒÁ I ØÁ P ÒÁ ÚŒŠ VÁT ŒÌÙ PÁ ÑŨ ÚÔÔ CT Ò ÞÁSŒÓ ŠĒÁ ÚU ŮÚ Œ UŰ ÁÐÆŢĴ GŰ ŒK Ö ÞÁÐ Ú ŠŠÔÔ N	Townshij Range Sectior Meridiar POYÁJØÁPŒŰÓUÜÆGESÒÁDEÖ. OYPÁJŒŠŒŮUÜÞŒGÂŬÜĒ ĎŠÒÁŌÜÜUÜÄGAÝÜŒÐŮÒÜŒÚV	Site: st Updated: D:	FJÎ GĂĐE CHT: Ý CHT: Ý ÖODP ÓÁT CHÉ ÀNÁM ÁZU ÜÁ ÀNÁM ÁZU ÜÁ ANÁM ÁZU ÚÁ ANÁM ÁZU ÜÁ ANÁM ÁZU ÚÁ ANÁM ÁZU ÚÁ ANÁM

General: UÞŠŸÁĴUWÜÔÒÁJØÁÞØUÜT Œ/ŒJÞÁÐÁÐÆFJÎ GŰŒKÒÞÆÐÛŠŠÔÔVŒJÞÆÞÒÒÖÙÆÆÐŠÖY UÜSÈ

Owner/Manager: WPSPUY P

Ùan) caafÔascada] aaf@ an) å Ás^•^\döc@ {}}		Element Code: ÚÖÙUŠ€Õ€Þ€
Status —	NDDB Element Ranks ————	Other Lists
Federal: þ[}^	Global: ÕFÛ	CNPS List: FÓÈ
State: Þ[}^	State: ÙF	
Habitat Associations —		
General: ÔU ŒÙ V ŒŠÁÔŠ W ØØÂÛ ÔÜ W Ó ĒÂÔU ŒÙ V ŒŠÂÛ ÔÜ W Ó È		
Micro: ÔUŒÙVŒŠÁÔŠWØØÙÁŒÞÖÁÙŠUÚÒÙÐÁF€ËH€€ÁT È		

EO Index: ÍÍÏ G Occurrence No. I Map Index: ÍÍÏ€J Dates Last Seen Element: FJJÍËŒHËŒF Occ Rank: Øæå

Origin: Þæĕ læ∰Dææ§^Á; &&* ll^} &^ Presence: Ú¦^•* { ^åÄÖ¢æ} c Site: FJJÍ ËEHËEF

Record Last Updated: @FHEGEG Trend: W}\}[,}

Quad Summary: Ùæ) ÁÚ^å¦[ÁÇHFFÌ Î HŒÏ HŒD

County Summary: Š[• ÁCE * ^ |^•

Lat/Long: HHË HÌ €Í ÓÁÐÁËFÌ ÈHÏ I HÌ ó Township: €Í Ù UTM: Z[}^ËFÁÞHÏHHJ΀ÁÖHÏGÎÌÍ Range: FIY

Area: ŒÁs&^• Mapping PrecisionÙÚÒÔŒÔ Section: FÏ Qtr: ÝÝ

Elevation: F€€Ác Symbol Type:ÚUŠŸÕUÞ Meridian: Ù

 $\textbf{Location:} \ \textbf{U} \\ \textbf{P} \\ \textbf{A} \\ \textbf{U} \\ \textbf{U} \\ \textbf{A} \\ \textbf{O} \\ \textbf{O} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{A} \\ \textbf{U} \\ \textbf{U} \\ \textbf{V} \\ \textbf{O} \\ \textbf{O} \\ \textbf{O} \\ \textbf{A} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{O} \\ \textbf{A} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{O} \\ \textbf{O} \\ \textbf{O} \\ \textbf{D} \\ \textbf{U} \\ \textbf{O} \\$

 $\begin{array}{l} \textbf{Ecological: 050R050} \diamond \textbf{PVÅJSUÚÓKOŠUY ÅR 05JÁDUOÐVOTSÁJOTSÓÁJÓÜWÓKÓUTT WÞQYÏÉY PĞKÓÄT UŮVÁJØÁP ÒÁKÒŌÓVOÐ/QUÞÁJÞÁ/UÚKÓUÞÙÒUVÚÁJØÁFUÞËÞOÐ/QKÒ OÐÞÞWOSÁŠŪÜOÐÚÒÚÁÐÞÖÁT WÙVOÐÖÙÁY QYPÁJOBYÓPÒÙÁJØÁJOĞÚWÓĖ\\ \end{array}$

Threat: VUÚÁJØÁÚUΦVÄÖÜŒÖÖÖÁΦÁ/PÒÁ;JHEÙĒÓWVÁÞÒXÒÜÄÖÒXÒŠUÚÖÖĒĎUT ÒÁÚŚŒÞVÖÖÁJÜÞŒF ÒÞVŒŠÁÒÝUV®ĎÚÄJÖTŒÞÁJÞÁJQÝÒÈ

General: Í EÐ Í ÁÚSCIÐ ÞVÚÁÚÓÓÞÁÐÁFJJGÁÐUÚT ÞÞÖÁÐÁÐÓÞÚÓÆÁFÁ ÁVGÉSÁP ÞÍÐSÓVÁÐÐÚÚVÁÐÓÐÚ VÓÚÓÐÁÐÁFJÍ Í ÁÓÝÁÚÐÐÖÓÚÚÐÁÐÚÐ ST CÐÞÐÚVÚQ U ÓÚÓÚXCISVOÐ ÞÚÁÐÚUT ÁFJJFÁÐÁFJJÍ ÁÐSÚU ÁÐSVÚ ÞÓFÓÚÐÁÐÐÐÓÓÚÚÁVCISVÓÚÁP CÐVÁP ÐÍÁÐEÚÚÓÐÐÚÁU ÁÓÁÐÆ CISVÚCIÐÁÐÚ UVÁÓVÁSVOKCISVÓÖÐÚUÐÚVÁVOSVÓÚÁP COSVÁP ÐÍÁÐEÚÚÓÐÐÚÁU ÁÐÁÐÆ CISVÚCIÐÁÐÚ UVÁÓVÁSÁÐUVÁÐÁÐÁÐÚÁÐÚÁÐÚÓÐÚÁÐÚÐÓÐÚÚÐÚ

Owner/Manager: ÔQYŸÁJØÁÜŒÞÔPUÁÚŒŠUÙÁXÒÜÖÒÙ

lama stenocarpum				
{ ĭåÁjæ€ æ			Code: ÚÖPŸÖ€Œ₽€	
Federal: þ[}^	N	IDDB Element Ranks Global: Õi Õí	Other Lists — CNPS List: GG	
State: Þ[}^		State: ÙFÙG	5 5 2.5 42	
———— Habitat Associations - General: ŢŒÜÙPÒÙÁŒĐÖÂÙY (ZF ÚÙÈ			
Micro: ŠOSOÁUPUÜÒÙÊÄUQXÓ	ÒÜÁÓŒÞSÙÉÁMÞVÒÜT QVVÒÞVŠŸÁY	ÒVÁDEÜÒŒÜEÄÁ ÉL€ET È		
Occurrence No. GF	Map Index: Ì €H J	EO Index: Ì FHÎ	Dates Last \$	Seen ———
Occ Rank: W}\}[,}	•		Element: F	
Origin: Þæð¦æ†DÞææã			Site: F	JGI BÉT BÝÝ
Presence: Ú¦^• (^åÂÔ Trend: W}\}[, }	¢¢æ)c		Record Last Updated: G	€F €Ĭ F€ĬF
Quad Summary: V[;; æ) &^ÁÇH	FFÌÏHB€J€ÖD			
County Summary: Š[• ÁŒ; * ^ ^•				
Lat/Long: ⊢HĒÌÌÌÏóÁg	ÉÉFÌÈGÌÌÎIó		Township: € Ù	
UTM: Z[}^ËFFÆÞH	ľHJIJHÁÒHÌ€ÎJÌ		Range: FHY	
Radius: l∯Á,ā^		Mapping Precision Þ U Þ ⊞ Ú Ó Ô Œ Ô	Section: HF	Qtr: ÝÝ
Elevation:		Symbol Type:ÚU ௸ ∨	Meridian: Ù	

Location: ӌӟÁŬŠUWÕPÈ

Owner/Manager: WPSPUY P

];[•dææ^Áç^;}æ4Á;[[Á;æçæ;; ^œæ		Element Co	de: ÚÖÚŠT €Ô€Û€
Status —	NE	DDB Element Ranks	— Other Lists ———
Federal: Þ[}^		Global: ÕG	CNPS List: FÓÈ
State: Þ[}^		State: ÙG	
Habitat Associations			
General: ÔUŒUVŒŠÁŨÔÜWÓÊ	KOBŠŠÒŸÁOĐÖÁQUUVPOŠŠÁÕÜOĐÙÙŠO	EÞÖÉÉKÒÜÞŒŠÁÚUUŠÙÈ	
Micro: ŒŠSŒŠŒ ÒÁĴU ŒŠÙÁŒ	ÁÕÜCEÙÙŠCEÞÖÉÁJÜÁDÞÁKÒÜÞCEŠÁÚUI	UŠÙĖAT ÒÙOÔÉAOEŠSOEŠO⇔ÒÁÙOVÒÙĖAFÍĖË €€TĖ	
Occurrence No. F€	Map Index: HJÌÎI	EO Index: J	Dates Last Seen
Occ Rank: Þ[}^			Element: FÌÌŒÉÉÉÝÝ
Origin: Þæč¦æ∰D∞æ	ãç^Á; &&` ^} &^		Site: FììGË€ÍËÝÝ
Presence: Ú[••ãa ^ÁÒ¢	:cāl]æe^å		
Trend: W}\}[,}			Record Last Updated: GEFFEE EEH
Quad Summary: V[æ) &^ ÁÇ	HFFÌÏHBEJ€ÖDÂĞ[}*ÁÓ^æ&@ÁÇHHFFÌÏ	Œ JÔD	
County Summary: Š[• ÁŒ; *^ ^	•		
	DÁËFÈIÈGIÏÌÍó		Township: ┫Ù
Lat/Long: H-Ej J€€Fó/	F (T = (2. 3 T T		Range: FHY
Lat/Long: H-LĒJ€€FઇÁ UTM: Z[}^ĒFÁ⊳I	HI HULL GAOHLILLI		
•	HI HJII GAOHIIIII	Mapping Precision⊳U♭ËÙÚÒÔŒ©	Section: HH Qtr: ÝÝ

General: UÞŠŸÁĴUWÜÔÒÁJØÁÞØUÜT ŒØJDÞÁÐUÜÁPÐJÁĴQÒÁÐJÁÐÐÁFÌÌGÁÞÒXΦÁÔUŠŠÒÔVQJÞÆÞÒÖÖÙÁØÐŠÖY UÜSÆÚUÚWŠŒØJDÞÁJÜUӌӊŸÁÒÝVŒJÚŒJÓÖÈ

Owner/Manager: WÞSÞUY Þ

Nemacaulis denudata var. denudata		
ଞ(æ ମ୍ନୁ [`⊟ିଡ ඎ'• ————————————————————————————————————	NDDB Element Ranks Global: ÕHÕI ∨HÑ State: ÙŒG	Element Code: ÚÖÚÖÞ€Ö€FF Other Lists CNPS List: FÓÈG
— Habitat Associations General: ÔபŒ௰∨ŒĴÕWÞÒÙĖ Micro: ∉Ё€€T Ė		

Occurrence No. Œ Map Index: G JJÎ EO Index: GGGFÏ Dates Last Seen -Element: FJ€Í ËÝÝËÝÝ Occ Rank: W}\}[,}

Origin: Þæčiæ∰Dææčç^Á; &&*;!!^} &^ Presence: Ú!^•`{ ^åÂÔ¢æ} c Site: FJ€Í ËÝÝËÝÝ

Record Last Updated: FJJÎ 🖽 开 Trend: W}\}[,}

Quad Summary: Ùæ) ÁÚ^å¦[ÁÇHFFÌ Î HĐĐ HƠĐ

County Summary: Š[• ÁQ; * ^ |^•

Lat/Long: HHËII € Í ÓÁÐÁËF FÌÈCÎ I Í I Ó Township: €Í Ù UTM: Z[}^ËFÁÞHÏH €JÎÁÖHÌGÌÎI Range: FHY

Radius: HĐÁ đ^ Mapping Precision ÞU ÞËÙÚÒÔŒÔ Section: ÝÝ Qtr: ÝÝ

Elevation: ŒÁc Symbol Type:ÚU⊕∨ Meridian: Ù

Location: ÒŒÙVÂĴŒÞÁĴÒÖÜUÊŽVÒÜT ŒŒÁÛŠŒÞÖÈ

Ecological: ÙŒĐÖŸÁÙÒŒÓĐÒÙÈ

General: UÔÓWÜÜÒÞÔÒÆÐÁŒÐÓÖÆÐÞÆÆÐÍ JÌ ÆÜÜŒÞVÆÐUŠŠÓÔVØÐÞÆÆÜUT ÆÖŒÐVÆÐŒÞÆÐÖÖÜUÆÆÐÖÆÆÐFÆÐEÐ ÆÖÜŒÞVÆÐUŠŠÓÔVØÐÞÆÆÜUT ÁVÖÜT ŒÇŒŠ ®JŠŒÞÖÆÐÒÖÜÆÆÐŠÖY UÜSÉ

Owner/Manager: WPSPUY P

Ùæ)/ÄÖāt*[Áán^•∧¦oÁ;[[妿c		Ele	Element Code: Œ ŒØ€Ì €I F	
Status —	NDD	NDDB Element Ranks — Other Lists —		
Federal: þ[}^	G	lobal: ÕÍ ∨HÑ	CDFG Status: ÙÔ	
State: Þ[}^	\$	State: ÙHÑ		
Habitat Association	s ————			
General: ÔUŒÙVŒŠÁÛÔÜW	ÓÁUØÁÙUWPÒÜÞÁÔOBŠOØUÜÞOQEÁØÜUTÁÙ	JOBÞÁÖ ÓÐ ÓÐ ÚÐU WÞV Ý ÁVU ÁÙ OBÞÁS WOÙ ÁU Ó O	ÙÚUÁÔUWÞVŸÈ	
Micro: TUÖÒÜŒVÒÁVUÄ	ÒÒÞÙÒÁÔŒÐUÚŒÌÙÁÚÜÒØÒÜÜÒÖĒÁ/PÒŸ	ÁCEÜ ÒÁÚCEÜ VOÔWŠCEÜ ŠŸÁCEÓWÞÖCEÞ VÁCÞÁÜ I	JÔSÁJWÔÜUÚÙÁBÁÜUÔSŸÁÔŠŒØÆÙÁBÁ	ÚŠU ÚÒÙÈ
Occurrence No. FF	Map Index: ⊢HÍ I Ï	EO Index: GJÎ JÌ	Dates Las	st Seen -
Occurrence No. FF Occ Rank: Ú[[¦	Map Index: ⊢HÍ I Ï	EO Index: GJÎ JÌ		st Seen — FJJFËÈÌËĜÎ
	·	EO Index: Gมิ่ ป่	Element:	
Occ Rank: Ú[[ˈ	Ражаў,^Á, &&` ;;^} &^	EO Index: ଔ JÌ	Element:	fjjfëei ëgi
Occ Rank: Ú[[¦ Origin: Þæč¦æ∯B	oaanagv^n(1, &&∵!!^} &^ åÄO¢oan) c	EO Index: ପ୍ରୀ Ji	Element:	FJJFËÈËËË
Occ Rank: Ú[[¦ Origin: Þæč¦æ∰D Presence: Ú¦^∙ˇ{ ^	жайду^Á(883″. 1^}8^ âÁÒ¢æa)c	EO Index : ପ୍ରୀ Ji	Element: Site:	FJJFËÈËËË
Occ Rank: Ú[[¦ Origin: Þæðiæ¦B Presence: Úḥ^•*{ ^ Trend: W}\}[,}	aaaaa,^A, &&`i¦^} &^ a.ÁO¢caa)c [ÁÇHHFFÌÎHBBÜHODD	EO Index : ପ୍ରୀ Ji	Element: Site:	FJJFËÈËËË
Occ Rank: Ú[[¦ Origin: Þæɛ ˈaḍB Presence: Ú¦^• { Trend: W;\}[, } Quad Summary: Ùæ) Áゾ^å	ændar,^n(.8&* i¦^} &^ åAÖ¢cæ)c [ÁÇHFFÎÎHBEÏHOED i ^•	EO Index: GJÎ JÌ	Element: Site:	FJJFËÈÈËÉ

 $\textbf{Location: } \'u\vec{\textbf{S}} \textbf{U} \dot{\textbf{M}} \dot{\textbf{O}} \ddot{\textbf{U}} \ddot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{D}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \ddot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \ddot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{O}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{O}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}} \dot{\textbf{U}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{M}} \dot{\textbf{U}}$

Location Detail: Y UUÖÜŒ/ÙÁ/ÜŒÚÚÒÖÁÐÁ/P ÒÁKÔÐ QYŸÁJØÁÚÜÔÐSŠŸÁÚÒŒŰÁÔŠWT ÚÙÈ

 $\begin{array}{l} \textbf{Ecological: } \dot{\textbf{UQ}} \dot{\textbf{Q$

Mapping Precision ÞU ÞËÙÚÒÔŒÔ

Symbol Type:ÚUŠŸÕUÞ

Threat: VPÜÒŒ/ÒÞÒÖÁÓŸÁ/PÒÁPÔÁP®PŠŸĔĎĠVWŨÓÒÖÁÞŒ/WÜÒÁJØÁ/PÒÁJQYÒÁŒÐÖÁJÞŐUΦŐÁ/PÜÒŒ/ÁJØÄÖÒXÒŠUÚT ÒÞVÈ

General: FJÁÐÐWŠVÙÁVÜŒÚÚÒÖÁÓÒVY ÒÒÞÁÐHĒÐ ÁŒMŐWÙVÁFJJFÈ

Owner/Manager: WPSPUY P

Area:

Elevation: Œ€Ác

Qtr: ÝÝ

Section: ÝÝ

Meridian: Ù

] [&\ ^ c^ å Á\;^^ Ezzáp^ å Áàzec		Element 0	Code: Œ ŒÔÖ€I €F€
Status —		NDDB Element Ranks	Other Lists
Federal: þ[}^		Global: Õl	CDFG Status: ÙÔ
State: Þ[}^		State: ÙGÙH	
Habitat Associations			
General: XŒÔVŸÁJØÁŒÔ	ÁQEÜÒQEÙÁQÞÁÙUWPÒÜÞÁÔQEŠQOU	JÜÞQŒÁÚQÞÒËRWÞQÚÒÜÁY UUÖŠQŒÞÖÙÉÄÖÒÙÒÜVÁÛÔÜV	NÓ ĐẦU CUẬN CHU CỦU QUI ĐỚO CỦA CHU PHÁO CHỦA CHỦA CHỦA CHỦA CỦA CHỦA CỦA CỦA CỦA CỦA CỦA CỦA CỦA CỦA CỦA C
Micro: ÜUÔSŸÁŒÜÒŒÙÁY	NYPÁPOŐPÁÔŠOOØÜÈ		
Occurrence No. FÍ	Map Index: ÎÌIÎF	EO Index: ÎÌÏ FÎ	— Dates Last Seen —
Occ Rank: W\\[\}	map iliuex.	LO IIIdex. 11111	Element: FJÌ∫ ËF€ËÌ
Origin: Þæð læð æð A && ll^} &^			Site: FJÌ∫Ë÷ŒÌ
Presence: Ú¦^•ˇ{ ^å			
Trend: W}\}[,}	•		Record Last Updated: Œ⊞⊞
Quad Summary: V[;; æ) &^ Æ	ÇHHFFÌÏHBEJ€ÖD		
County Summary: Š[• Á0‡ * ^	٨•		
Lat/Long: H-ti J€€F∂			Township: € Ù
	HİHJÎHEÂÖHİJÌÌI	" () 0	Range: FIY
Radius: IÐÁ, ā^		Mapping Precision PU PËÙÚÒÔŒÔ	Section: HÎ Qtr: ÝÝ
Elevation: Í €Ác		Symbol Type:ÚUФV	Meridian: Ù
Location: PŒÜÓUÜĀ	ÔŒŸÈ		
			ÙÁÚÜUX OÖÖÖÁÓŸÁT OEÞOÙÁY OVPÁNÞÔÖÜVOEDÞVŸÁ

Š^[} € Áj^}ææ&@æ^æ			de:ÚÖŒÙVÎ݀΀ — Other Lists ————
Federal: Ò¦åæ)*.		 NDDB Element Ranks Global: ÕG 	CNPS List: FÓÈ
State: O) åæ) *		State: ÙG	ON O LIST. I OIL
Habitat As			
	EÜÜCEŠÉÁK CEŠŠÒŸÁCEÞÖÁØUUVPCŠŠÁŐÜCEÙÙŠC	OEÞÖÐÁÓU OÐÙVOЊÁÙÓÜWÓÈ	
Micro: ÒÖÕÕÒÙ	ÁU ØÁÔŠÒCEÜ OÞŐ ÙÁDÞÁÔP CEÚ ÉÉANÙ WOEŠŠÝÁCE/	ÁPÒÁÒÔUVUÞÒÁÓVYÞÁŐÜŒÙŮŠŒÞÖÁŒÞÖÁÓPŒÚŒÜÜŒŠ	ÁJÜÁÖÖŐÖÙÁJØÁØÖJÖÓÜÖOSSÙÉÁHEÉ HEÁTÈ
Occurrence No	•	EO Index: FÎÎÏÍ	── Dates Last Seen ─ ─ Element: FJF €ЁI ЁС F
Occ Rank:	:P[}^ :Þæcĭlæ#B⊅ænaaç^Á[&&ĭll^}&^		Site: FJJ EÝÝEÝÝ
	: Ú[••ãa ^ÁÔ¢oã] æe^å		
Trend:	: W}\}[,}		Record Last Updated: G€€ Ē£JĒG
Quad Summary	: Ùæ) ÁÚ^å¦[ÁQHHFFÌÎHBEÏHOED		
County Summary			
	: HHĒLĒLĪHJÓĀĀĒFĪĒGJHIF6 Z[}^ĒFFĀÞHIHEHÍGÄÖHÌ€FIG		Township:
	: FBÁ; ā^	Mapping Precision⊳U♭Ë̀̀̀̀̀̀̀́́́⊔Ó̀ÒÔŒ́́Ф̂	Section: H€ Qtr: ÝÝ
Elevation		Symbol Type:ÚU Φ ∨	Meridian: Ù
Location	:: ÚU Q⊳ VÁØÒÜT Q⊳ ÉÂÚŒ⊳ÁÚÒÖÜU È		
		JŢÄĴŲŒĿÁŰŎŎŨŨÄŎŒŠŨUÁDEVVŨŒŴWŎŎÁVŲÁ/PŌŨĄĴQŶŎĔŒŒ	ELLIÁNÌØY ÈJÄÏÖÜÜHÏVÆTÖЬVMIHÈJÁÆÆÆÄÆÄ
Escation Detai	Y ŒVÁŠŒVÁÔU ŠŠÒÔVÒÖÁP ÒÜÒÁÞÁFJHFI	JÍ MOUPAOCOOMAISOO ALI VOUWWOON ON FUUNGOLAIA LÁOÞÖÖÁROEDÁÐUÁÞØUÜT ŒVOUÞÁUÁUÁUÚUÜVÁ/PÓDÁÖO	18/ÒÈ
General	· ÙŒÀ∐ÀÕÆÖÜÜÜÔŒÀÖÖÜÜÑÐ TÀÓŒÒ	J∉ÌÁÚÒÒÜÙUÞÁÔUŠŠÒÔVOUÞÙÁBÁÐÁFJF€ÁRUPÞÙUÞÁÔUŠŠ	ŶŶŶŶŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖ
General.	FJJÏ ŘÚÜÒÙWT ÖÖÆÒÝVŒVÖÖÆÞÒÖÖ	ÚÁZÓDŠÖY UÜSÉĞE ÔŠWÖÒÙÁZUÜT ÒÜÁJÔÔWÜÜÒÞÔÒÂN I	FÈ
Owner/Manager	: WÞSÞUY Þ		
Occurrence No	. G Map Index: HÍJF	EO Index: IÌÏÌÍ	Dates Last Seen
Occ Rank:	• * * * * * * * * * * * * * * * * * * *		Element: FÌÌI ËË ËÝÝ
-	: Þæč¦æ∰Þææãç^Á,&&`¦¦^}&^		Site: FJJI ÉÝÝĚÝÝ
	:Ú[••ãa ^ÀÔ¢cāi]æe^å :Ö^&¦^æ•āi,*		Record Last Updated: ŒFŒFŒG
	•		
-	: V[;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	-FFI I HB9 HOED	
County Summary	: S[• AD; * ^ ^ •		
	: HHĒIÍÌÌóÁÐĀĒFÌÈÈHÎ∈Gó		Township: €FÙ
UTM:	Z[}^ËFFÁÞHÏHIÏÌFÁÖHÏÎGÍ€	Manusian Brasis and Heifful Àôgra	Range: FIY
UTM: Radius:	Z[}^ËEFÁÞHÏHÏÌFÁÖHÏÎGÍ€ : FÁ∖ā^	Mapping PrecisionÞປϷΕ̈́⊔ປ່ວດີ@© Symbol TypesÍ∐ໄດ້\/	Range: FI Y Section: ÝÝ Qtr: ÝÝ
UTM: Radius: Elevation:	Z[}^ËFFÁÞHÍHIÏÌFÁÐHÍÎGÍ€ :FÁĮÃP :	Symbol Type:ÚU ℚV	Range: FIY
UTM: Radius: Elevation: Location	Z[}^ĒFĀÞHÏHÏÌFÄÖHÏÎĠÍ€ : FĀ[ā]^ : :: ÚŒŠUÙÁKÒÜÖÒÙĀTVĀŅŪŒÞÁÚÒÖÜUÆPĞS	Symbol Type:ÚU Φ ∨	Range: FIY Section: ÝÝ Qtr:ÝÝ Meridian: Ù
UTM: Radius: Elevation: Location Location Detai	Z[}^ĒFĀÞHĬHĬÌFÄÖHÎGÍ€ : FÁĮ ¾^ : : ÚŒŠUÙÁXÒÜÖÒÙÁTVÁQNŮŒÞÁÚÒÖÜUÁPŒŠ I:ÒÝŒĎVÁŠUÔŒVŒUÞÁNÞSÞUYÞĒÆTŒÚÚÒ	Symbol Type:ÚU Φ ∀ ŠŮDĒ ÖÁTE/ÁÙOÐ ÁÚ ÒÖÜ UÆR GŠŠÁTÐ ÖÁJWÜ Ü UWÞ Ö Φ ÕÙ ÁÖŸ ÁÔÞ ÖÓ	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ù
UTM: Radius: Elevation: Location Location Detai Threat:	Z[}^ĒFĀÞHĬHĬÌFÄÖHÏÛĠ€ : FĀ;Ā^ : : ÚŒŚUÙÁXÒÜÖÒÙĀTVĀĢĀŪŒÞĀÚÒÖÜUĀPŒŠ I:ÒŸŒĎVĀŠUÔŒSVQUÞÁMÞSÞUYÞĒĀTŒŰÜÒ : ŒÜÒŒĀPŒÙÁÒÒÒÞÁJXÒÜĒŰWÞÁŌŸĀŒÞÞW	Symbol Type:ÚU Φ ∨ ŠČUTĖ IÖÁTSVÁJCEÞÁ VÖÖÜ UÁPGŠŠÁTEÞÖÁJ WÜÜU WÞÖ ΦŌÙÁÓÝÁÐÞÖÓ IGŠÁÖÜ GEÚ VÖÜ ÁTEÞÖÁ POÙV SÖÙ EÁ VPÓÁT GEU ÜQÝÝA VÆÁ VPÓ).	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ù ÖÖÈ
UTM: Radius: Elevation: Location Location Detai Threat:	Z[}^ŒFAÞH H TÌ FAÒHÎ GÍ € : FÁ, ¾^ :: ὑŒŚUÙÁXÒÜÖÒÙÁT VÁQAÙŒÞÁJÒÖÜUÁPŒŚ I:ÒŸŒĎVÆŪŪŒVŒPAÞAÞSÞUY ÞÆTŒÚŪÒ : ŒÏÒŒÆPŒJÁÖÒÒÞÁJXÒÜĒJWÞÁÖŸÁŒÞÞW : ∀ŸŲÒÆĴŪĢŒŠQŸÆÐJÞŠŸÄJUWŨŌÒÙÁJÆÁ	Symbol Type:ÚU Φ V ŠŮITĖ IÖÁTE/ÁUCE-ÁÚ Ò ÖÜU ÁP GŠŠÁTE ÖÄÜ WÜÜU WEÖ QE ÕÙ ÁO Ý ÁD EÖ IOŠÁÕÜ CEÜÙ Ò Ù ÁTE ÖÁ POÙ VŠ Ò LÈV PÒÁT CEU Ü QY Ý ÁU AÁ POÙ, QE AU ÜT CEVOU ÞÁAU Ü Á POÙ ÁU Ô Ô WÜ Ü Ò Þ Ò Ò ÁTEŨ Ò ÁY U Á FÌ Ì	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ù ÖÖÈ
UTM: Radius: Elevation: Location Location Detai Threat: General:	Z[}^ŒFĀÞH H TÌ FÄÖHÎ GÍ € : FÁ; ¾° : ÚŒŚUÙÁXÒÜÖÒÙÁT VÁQNŮŒÞÁÜÖÖÜUÁP ŒŚ I: ÖYŒÖVÄĞUÖŒV@ÞÁNÞSÞUY ÞÆT ŒŰÜÖ : ŒÜÖŒÆPŒJÁÖÖÒÞÁJXÖÜĒJWÞÁÖYÁŒÞW : VŸÜÖÄGUÖŒJŒĞŒYŸŒJÞŠŸÄJUWÜÖÖÜAJÆÁ PÖÄÜŒY ÁÞUÁÚŠŒÞVÙÁŒÁP@JÁŒJÖŒÆÐÁ	Symbol Type:ÚU Φ V ŠŮITĖ IÖÁTE/ÁUCE-ÁÚ Ò ÖÜU ÁP GŠŠÁTE ÖÄÜ WÜÜU WEÖ QE ÕÙ ÁO Ý ÁD EÖ IOŠÁÕÜ CEÜÙ Ò Ù ÁTE ÖÁ POÙ VŠ Ò LÈV PÒÁT CEU Ü QY Ý ÁU AÁ POÙ, QE AU ÜT CEVOU ÞÁAU Ü Á POÙ ÁU Ô Ô WÜ Ü Ò Þ Ò Ò ÁTEŨ Ò ÁY U Á FÌ Ì	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ù ÖÖÈ
UTM: Radius: Elevation: Location Location Detai Threat:	Z[}^ŒFĀÞH H TÌ FÄÖHÎ GÍ € : FÁ; ¾° : ÚŒŚUÙÁXÒÜÖÒÙÁT VÁQNŮŒÞÁÜÖÖÜUÁP ŒŚ I: ÖYŒÖVÄĞUÖŒV@ÞÁNÞSÞUY ÞÆT ŒŰÜÖ : ŒÜÖŒÆPŒJÁÖÒÒÞÁJXÒÜĒJWÞÁÖYÁŒÞW : VŸÜÖÄGUÖŒJŒĞŒYŸŒJÞŠŸÄJUWÜÖÖÜAJÆÁ PÖÄJŒY ÁÞUÁÚŠŒÞVÙÁΦÁP@JÁŒJÖŒÆÞÁ	Symbol Type:ÚU Φ V ŠŮITĖ IÖÁTE/ÁUCE-ÁÚ Ò ÖÜU ÁP GŠŠÁTE ÖÄÜ WÜÜU WEÖ QE ÕÙ ÁO Ý ÁD EÖ IOŠÁÕÜ CEÜÙ Ò Ù ÁTE ÖÁ POÙ VŠ Ò LÈV PÒÁT CEU Ü QY Ý ÁU AÁ POÙ, QE AU ÜT CEVOU ÞÁAU Ü Á POÙ ÁU Ô Ô WÜ Ü Ò Þ Ò Ò ÁTEŨ Ò ÁY U Á FÌ Ì	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ù ÖÓÈ ÁŒÜÒŒÁÑÁVŰӌތÖÖÈ
UTM: Radius: Elevation: Location Detai Threat: General:	Z[}^ŒFĀÞH H Ĭ Ì FÄŒH Î Ġ € : FÁ; ¾² : 'ÚŒĠŪÙÁXÒÜÖÒÙÁT VÁQNŮŒÞÁĬÒÖÜÜÁP ŒĞ I: ÒÝŒÔVÄĞUÖŒVŒJÞÁNÞSÞUY ÞÆT ŒŰÒ : ŒÜÒŒĠPŒJÁÖÒÒÞÁJXÒÜĒÜWÞÁÝÝÁTÞÞW : VŸŰÒÄGUÖŒŚŒŸŒJÞŠŸÄJUWÜÔÒÙÁJÆÁ PÔÄJŒY ÁÞUÁÚŚŒÞVÙÁŒÁPÐÁŒŰÒŒŒÁ : WÞSÞUY Þ	Symbol Type:ÚU Φ V ŠÚITĖ ÖÁTSVÁJOSÞÁ JÓÖÜ U ÁP GŠŠÁTSÞÖÁJ WÜÜ Ü U WÞÖ Φ Ő Ù ÁÓ Ý ÁÐ ÞÖÓ AGŠÁÖÜ GGÙ Ü ÒÜ ÁTSÞÖÁ POÙ VŠÒÙ TÁP OÁT GRUÜ QYÝ ÁJ AÁ POÙ, TOROU T GSVOJÞÁZU Ü ÁP POÙ ÁJ ÖÖWÜÜ Ö ÞÖÓÁTSÜ ÖÁYY U ÁRÌ Ì FJÍ JÁJ Ü ÁFJJI ÉÐ ÖÖÖÜ ÁZTÓŠÖY UÜSÉ	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ù ÖÖÈ ÁŒĴĊŒÁŴÁNŰĆŒĐŒČÖË IÆŸUÞÁÔUŠŠÖÔVŒJÞÙĚÁPUTŒŮÁTÔÞVŒJÞÙÁ
UTM: Radius: Elevation: Location Location Detai Threat: General:	 Z[}^ŒFFÁÞH H Ĭ Ì FÄÖH Î GÍ € FÁ ¾ : FÁ ¾ : ÚŒŚUÙÁXÒÜÖÒÙÁT VÁQNŮŒÞÁŮÒÖÜUÁP GŚ I:ÒÝŒÔVÄĞUÔŒVŒJÞÁNÞSÞUY ÞÆT ŒÚÚÒ : ŒÜÖŒPŒJÁÖÒÞÁJXÒÜĒJWÞÁÖÝÁŒÞÞW : VŸŰÖÄGUÖŒŚŒŸÆJÞŠŸÄJUWŨÔÒÙÁJÆÁPÒÄGEV ÁÞUÁÚŠŒÞVÙÁŒÁPÒJÁŒÍÒŒÆÞÁ : WÞSÞUY Þ . Ĭ Map Index: HJÌ Î I 	Symbol Type:ÚU Φ V ŠŮITĖ IÖÁTE/ÁUCE-ÁÚ Ò ÖÜU ÁP GŠŠÁTE ÖÄÜ WÜÜU WEÖ QE ÕÙ ÁO Ý ÁD EÖ IOŠÁÕÜ CEÜÙ Ò Ù ÁTE ÖÁ POÙ VŠ Ò LÈV PÒÁT CEU Ü QY Ý ÁU AÁ POÙ, QE AU ÜT CEVOU ÞÁAU Ü Á POÙ ÁU Ô Ô WÜ Ü Ò Þ Ò Ò ÁTEŨ Ò ÁY U Á FÌ Ì	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ù ÖÓÈ ÁŒÜÒŒÁÑÁVŰӌތÖÖÈ
UTM: Radius: Elevation: Location Detai Threat: General: Owner/Manager Occurrence No	 Z[}^ŒFFÁÞH H Ĭ Ì FÄÖH Î GÍ € FÁ ¾ : FÁ ¾ : ÚŒŚUÙÁXÒÜÖÒÙÁT VÁQNŮŒÞÁŮÒÖÜUÁP GŚ I:ÒÝŒÔVÄĞUÔŒVŒJÞÁNÞSÞUY ÞÆT ŒÚÚÒ : ŒÜÖŒPŒJÁÖÒÞÁJXÒÜĒJWÞÁÖÝÁŒÞÞW : VŸŰÖÄGUÖŒŚŒŸÆJÞŠŸÄJUWŨÔÒÙÁJÆÁPÒÄGEV ÁÞUÁÚŠŒÞVÙÁŒÁPÒJÁŒÍÒŒÆÞÁ : WÞSÞUY Þ . Ĭ Map Index: HJÌ Î I 	Symbol Type:ÚU Φ V ŠÚITĖ ÖÁTSVÁJOSÞÁ JÓÖÜ U ÁP GŠŠÁTSÞÖÁJ WÜÜ Ü U WÞÖ Φ Ő Ù ÁÓ Ý ÁÐ ÞÖÓ AGŠÁÖÜ GGÙ Ü ÒÜ ÁTSÞÖÁ POÙ VŠÒÙ TÁP OÁT GRUÜ QYÝ ÁJ AÁ POÙ, TOROU T GSVOJÞÁZU Ü ÁP POÙ ÁJ ÖÖWÜÜ Ö ÞÖÓÁTSÜ ÖÁYY U ÁRÌ Ì FJÍ JÁJ Ü ÁFJJI ÉÐ ÖÖÖÜ ÁZTÓŠÖY UÜSÉ	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ù ÖÖÈ ÁŒÒŒÁWÁWÜĆŒĐŒČÖÈ IÆŸUÞÆŪUŠŠÔÓVŒJÞÙÆVPUTŒÚÆTÔÞVŒJÞÚÁ
UTM: Radius: Elevation: Location Detai Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence:	Z[}^ŒFFÁÞHĬ HĬÌFÄÖHÏÎ GÍ € : FÁ, ¾ : : ÚŒŠUÙÁKÒÜÖÖÙÁT VÁJAÙŒÞÁÚÒÖÜUÁPŒŠ I:ÒÝŒÔVÄSUÔŒVŒJÞÁNÞSÞUY ÞÆTŒÚÚÒ : ŒŰҌƌJÁÖÒÒÞÁJXÒÜĒĽWÞÁÖŸÁŒÞÞW : VŸÜÒÄSUÔŒŠŒYŸÆJÞŠŸÄJUWÜÔÒÙÁJÆÁ PÖÁJŒY ÁÞJÁJSŒÞVÚÁÐAÁPÐJÁÆÐÒŒÆAÁ : WÞSÞUY Þ .Ĭ Map Index: HJÌÎI : Þ[}^ : Þæš ¦æ∰Þææá^Á,&&X'!^^}&^ : Þæsē !æ∰Þææá^Á,&&X'!^^}&^	Symbol Type:ÚU Φ V ŠÚITĖ ÖÁTSVÁJOSÞÁ JÓÖÜ U ÁP GŠŠÁTSÞÖÁJ WÜÜ Ü U WÞÖ Φ Ő Ù ÁÓ Ý ÁÐ ÞÖÓ AGŠÁÖÜ GGÙ Ü ÒÜ ÁTSÞÖÁ POÙ VŠÒÙ TÁP OÁT GRUÜ QYÝ ÁJ AÁ POÙ, TOROU T GSVOJÞÁZU Ü ÁP POÙ ÁJ ÖÖWÜÜ Ö ÞÖÓÁTSÜ ÖÁYY U ÁRÌ Ì FJÍ JÁJ Ü ÁFJJI ÉÐ ÖÖÖÜ ÁZTÓŠÖY UÜSÉ	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ü ÖÖÈ ÁŒÜÒŒÂŴÁWÜӌތÖÖÈ IÆŸUÞÆÖUŠŠÖÖVQJÞÙÆVPUTŒŮÆTÒÞVQJÞÙÁ —— Dates Last Seen Element: ÝÝÝÝĚÝĚÝÝ
UTM: Radius: Elevation: Location Detai Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence:	Z[}^ŒFFÁÞHĬ HĬÌFÄÖHÏÎ GÍ € : FÁ ¾ : : ÚŒŠUÙÁKÒÜÖÒÙÁT VÁQNÙŒÞÁÌÒÖÜUÁPŒŠ I:ÒÝŒĎVÆŠUÔŒVŒJÞÁÞSÞUY ÞÆTŒÚÌÒ : ŒĎÒŒÆPŒJÁÖÒÒÞÁJXÒÜĒJWÞÁÖŸÁŒÞÞW : VŸÚÒÄSUÔŒŚŒŸÆJÞŠŸÄJUWŨÔÒÙÁJÆÁ PÖÄJŒY ÁÞUÁJŠŒÞVÚÁŒÁPÐÓJÁŒJÒŒÁŒÁ : WÞSÞUY Þ .Ĭ Map Index: HJÌÎI : Þ[}^ : Þæť ˈæ∰Þææáç^Á, && ;¦^} &^	Symbol Type:ÚU Φ V ŠÚITĖ ÖÁTSVÁJOSÞÁ JÓÖÜ U ÁP GŠŠÁTSÞÖÁJ WÜÜ Ü U WÞÖ Φ Ő Ù ÁÓ Ý ÁÐ ÞÖÓ AGŠÁÖÜ GGÙ Ü ÒÜ ÁTSÞÖÁ POÙ VŠÒÙ TÁP OÁT GRUÜ QYÝ ÁJ AÁ POÙ, TOROU T GSVOJÞÁZU Ü ÁP POÙ ÁJ ÖÖWÜÜ Ö ÞÖÓÁTSÜ ÖÁYY U ÁRÌ Ì FJÍ JÁJ Ü ÁFJJI ÉÐ ÖÖÖÜ ÁZTÓŠÖY UÜSÉ	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ü ÖÖÈ ÁŒĴĊŒŴÁWŰĊŒĐŒĊÕÈ IÆŸUÞÆŮUŠŠĊÔVŒJÞÙËÁPUTŒĴÆ ÒÞVŒJÞÙÁ — Dates Last Seen Element: ÝÝÝĚÝĚÝĚ
UTM: Radius: Elevation: Location Detai Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend:	Z[}^ŒFFÁÞHĬ HĬÌFÄÖHÏÎ GÍ € : FÁ, ¾ : : ÚŒŠUÙÁKÒÜÖÖÙÁT VÁJAÙŒÞÁÚÒÖÜUÁPŒŠ I:ÒÝŒÔVÄSUÔŒVŒJÞÁNÞSÞUY ÞÆTŒÚÚÒ : ŒŰҌƌJÁÖÒÒÞÁJXÒÜĒĽWÞÁÖŸÁŒÞÞW : VŸÜÒÄSUÔŒŠŒYŸÆJÞŠŸÄJUWÜÔÒÙÁJÆÁ PÖÁJŒY ÁÞJÁJSŒÞVÚÁÐAÁPÐJÁÆÐÒŒÆAÁ : WÞSÞUY Þ .Ĭ Map Index: HJÌÎI : Þ[}^ : Þæš ¦æ∰Þææá^Á,&&X'!^^}&^ : Þæsē !æ∰Þææá^Á,&&X'!^^}&^	Symbol Type:ÚU Φ V ŠÚITĖ ÖÁTB/ÁJCB-ÁJÓÖÜ U ÁP GŠŠÁTB-ÖÄJWÜÜ U WÞÖ Φ ÕÙÁÖÝ ÁÐ ÞÖÓ KIŠÁÖÜ GEÌ Ú ÒÜ ÁTB-ÖÁ P QŪVŠÒ Ú ÉV P ÒÁT CEU Ü QYÝÁJ ØÁ P QŪ, TO CU ÜT GE/QU ÞÁÐU Ü ÁP P QŪÁJ Ö ÔWÜÜ Ö Þ Ö ÒÁTBÖ ÓÁ Y U ÁFÌÌ FJÌJÁJÜ ÁFJJI ÉÞ Ö ÖÖÜ ÁÐ ÖŠÖY U Ü S È EO Index: IÌÏIF	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ü ÖÖÈ ÁŒÜÒŒÂŴÁWÜӌތÖÖÈ IÆŸUÞÆÖUŠŠÖÖVQJÞÙÆVPUTŒŮÆTÒÞVQJÞÙÁ —— Dates Last Seen Element: ÝÝÝÝĚÝĚÝÝ
UTM: Radius: Elevation: Location Detai Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend:	Z[}^ŒFAÞH H TÌ FÄÖHÎ GÍ € : FÁ, ¾ : : ÚŒŚUÙÁKĊÜÖĊÙÁT VÁQAÛŒÞÁÚĊÖÜUÁPĠŚ I; ÒÝŒĎVÆSUÔŒYŒJÞÁNÞSÞUY ÞÆTŒÚÚÒ : ŒÜĊŒÆPŒŮÁÖĊÖÞÁJXĊÜŒYWÞÁÖYÁŒÞÞW : VŸŰĊÁŚUĆŒŚŒŸŒÁJÞŠŸÁŬUWŨĠĊŪÁJŒÁ PĊÁŮŒYÁÞUÁÚŠŒÞVÜÁŒÁPŒĴÁŒĬĊŒÆŒÁ : WÞSÞUYÞ . Ĭ Map Index: HJÌÎ! : Þ[}^ . Þæť læþÞææåŗÁ, &&∵!!^} &^ . Ú[••à∏ ÅÖ¢æ] ærð : WJ, \][, } : V[!!æ) &^ÁÇHFFÌĬ HŒU€ÖŒÃĬ} }*ÁÖ׿&@Æ	Symbol Type:ÚU Φ V ŠÚITĖ ÖÁTB/ÁJCB-ÁJÓÖÜ U ÁP GŠŠÁTB-ÖÄJWÜÜ U WÞÖ Φ ÕÙÁÖÝ ÁÐ ÞÖÓ KIŠÁÖÜ GEÌ Ú ÒÜ ÁTB-ÖÁ P QŪVŠÒ Ú ÉV P ÒÁT CEU Ü QYÝÁJ ØÁ P QŪ, TO CU ÜT GE/QU ÞÁÐU Ü ÁP P QŪÁJ Ö ÔWÜÜ Ö Þ Ö ÒÁTBÖ ÓÁ Y U ÁFÌÌ FJÌJÁJÜ ÁFJJI ÉÞ Ö ÖÖÜ ÁÐ ÖŠÖY U Ü S È EO Index: IÌÏIF	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ü ÖÖÈ ÁŒÜÒŒÂŴÁWÜӌތÖÖÈ IÆŸUÞÆÖUŠŠÖÖVQJÞÙÆVPUTŒŮÆTÒÞVQJÞÙÁ —— Dates Last Seen Element: ÝÝÝÝĚÝĚÝÝ
UTM: Radius: Elevation: Location Location Detai Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary	Z[}^ŒFAÞH H TÌ FÄÒHÎ GÍ € : FÁ, ¾ : : ÚŒŠUÙÁKĊÜÖÒÙÁT VÁŅÙŒÞÁÚĊÖÜUÁPŒŠ I:ÒÝŒÔVÄŠUÔŒVŒJÞÁNÞSÞUY ÞÆTŒÚÛÒ : ŒÜҌƌJÄÖÒÒÞÁJXĊÜĒÜWÞÁÖŸÁÆÞÞW : VŸÜÒÄSUÔŒŠŒŸŘĀUÞŠŸÁJUWÜÔÒÙÁJÆÁ PÖÁÜŒY ÁÞUÁÍŠŒÞVŮÁŒÁPQŪÁŒĬÒŒŒĀ : WÞSÞUY Þ . Ĭ Map Index: HJÌÎ! : Þ[}^ : Þæ€ ˈæ∰Þææ∰^Á;&&¨!!^}&^ : Ú[••āijŤÁÖ¢æijæ*å 'Wj\][, } : V[ˈ!i•å&ÁPHFFÌÏ HŒJ€ÖŒŠE[}*ÁÖ^æ&@\$: Š[•ÁŪ£*^[••	Symbol Type:ÚU Φ V ŠÚITĖ ÖÁTB/ÁJCB-ÁJÒÖÜ U ÁP ČŠŠÁTB-ÖÄJWÜÜ U WÞÖ Φ ÕÙÁÖÝ ÁÐ ÞÖÓ KIŠÁÖÜ CEÐ ÍÐ ÖÁ POÐ ÁÐ ÖÁÐ ÞÖÁF CEU Ü QYÝÁJ ÞÁ ÞP ÓÐ TOÐ CU ÜT CEVOÐ ÞÁÐU Ü Á POÐÁJ ÖÐ WÜÜ ÖÞ ÖÐÁTEÐ ÖÁ Y U ÁFÌÌ FJÍ JÁJ Ü ÁFJJI ÉÞ ÖÖÖÜ ÁÐ ÖŠÖY U Ü SË EO Index: IÌÏIF	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ü ÖÖÈ ÁŒÜÒŒÂÑÁWÜӌތÖÖÈ IÆŸUÞÆÑUŠŠÖÔVQUÞÙÆVPUTŒŮÆTÔÞVQUÞÙÁ —— Dates Last Seen ———————————————————————————————————
UTM: Radius: Elevation: Location Location Detai Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long:	Z[}^ŒFAÞH H TÌ FÄÖHÎ GÍ € : FÁ, ¾ : : ÚŒŚUÙÁKĊÜÖĊÙÁT VÁQAÛŒÞÁÚĊÖÜUÁPĠŚ I; ÒÝŒĎVÆSUÔŒYŒJÞÁNÞSÞUY ÞÆTŒÚÚÒ : ŒÜĊŒÆPŒŮÁÖĊÖÞÁJXĊÜŒYWÞÁÖYÁŒÞÞW : VŸŰĊÁŚUĆŒŚŒŸŒÁJÞŠŸÁŬUWŨĠĊŪÁJŒÁ PĊÁŮŒYÁÞUÁÚŠŒÞVÜÁŒÁPŒĴÁŒĬĊŒÆŒÁ : WÞSÞUYÞ . Ĭ Map Index: HJÌÎ! : Þ[}^ . Þæť læþÞææåŗÁ, &&∵!!^} &^ . Ú[••à∏ ÅÖ¢æ] ærð : WJ, \][, } : V[!!æ) &^ÁÇHFFÌĬ HŒU€ÖŒÃĬ} }*ÁÖ׿&@Æ	Symbol Type:ÚU Φ V ŠÚITĖ ÖÁTB/ÁJCB-ÁJÒÖÜ U ÁP ČŠŠÁTB-ÖÄJWÜÜ U WÞÖ Φ ÕÙÁÖÝ ÁÐ ÞÖÓ KIŠÁÖÜ CEÐ ÍÐ ÖÁ POÐ ÁÐ ÖÁÐ ÞÖÁF CEU Ü QYÝÁJ ÞÁ ÞP ÓÐ TOÐ CU ÜT CEVOÐ ÞÁÐU Ü Á POÐÁJ ÖÐ WÜÜ ÖÞ ÖÐÁTEÐ ÖÁ Y U ÁFÌÌ FJÍ JÁJ Ü ÁFJJI ÉÞ ÖÖÖÜ ÁÐ ÖŠÖY U Ü SË EO Index: IÌÏIF	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ü ÖÖÈ ÁŒÜÒŒÂŴÁWÜӌތÖÖÈ IÆŸUÞÆÖUŠŠÖÖVQJÞÙÆVPUTŒŮÆTÒÞVQJÞÙÁ —— Dates Last Seen Element: ÝÝÝÝĚÝĚÝÝ
UTM: Radius: Elevation: Location Location Detai Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long:	Z[}^ŒFFAÞH H TÌ FÄÖHÎ GÍ € : FÁ, ¾ : : ÚŒŚUÙÁKÒÜÖÒÙÁT VÁQAÙŒÞÁÌÒÖÜUÁPŒŚ II:ÒÝŒŐVÁŠUÔŒYŒJÞÁNÞSÞUY ÞÉTŒÚÜÒ : ŒÜÒŒÉPŒÌÁÖÒÒÞÁJXÒÜĒJWÞÁÖYÁŒÞÞW : VÝÜÒÁSUÔŒŚŒYŸÉĀJÞŠÝÁUUNÜÖÒÙAJŒÁ PÒÁÌŒY ÁPUÁÏŚŒÞVÜÁŒÁPŒĠJÁŒĬÖŒŒÁ : WÞSÞUY Þ . Ĭ Map Index: HJÌÎ! : Þ[}^ : Þæť !æjBÞææåç^Á, &&* !!^} &^ : Ú[••ãi] ÄÖ¢æi] æz*á 'W,\}[, } : V[!!æ) &^ÁÇHFFFI Ĭ HŒU€ÖŒŠ[}*ÁÖ^æ&@Œ; ': Š(•ÁŒ;*^ ^• : HÆť J€€FÓÆĚFFI ĒÐ ĬÌÍ Ó Z[}^ĒFĀÞH HJÍ Ĩ ĠĎH IIIĬ	Symbol Type:ÚU Φ V ŠÚITĖ ÖÁTB/ÁJCB-ÁJÒÖÜ U ÁP ČŠŠÁTB-ÖÄJWÜÜ U WÞÖ Φ ÕÙÁÖÝ ÁÐ ÞÖÓ KIŠÁÖÜ CEÐ ÍÐ ÖÁ POÐ ÁÐ ÖÁÐ ÞÖÁF CEU Ü QYÝÁJ ÞÁ ÞP ÓÐ TOÐ CU ÜT CEVOÐ ÞÁÐU Ü Á POÐÁJ ÖÐ WÜÜ ÖÞ ÖÐÁTEÐ ÖÁ Y U ÁFÌÌ FJÍ JÁJ Ü ÁFJJI ÉÞ ÖÖÖÜ ÁÐ ÖŠÖY U Ü SË EO Index: IÌÏIF	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ü ÖÖÈ ÁŒĴĊŒŴÁWŰĆŒÞŒČÖÈ IÆŸUÞÆÐUŠŠČÔVQJÞÙÆVPUTŒĴÆTÔÞVQJÞÙÁ — Dates Last Seen — Element: ÝÝÝÝĚÝÝĚÝÝ Site: ÝÝÝÝĚÝĚÝÝ Record Last Updated: G€€€ÆJÆÍ
UTM: Radius: Elevation: Location Detai Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long: UTM:	Z[}^ŒFAÞH H Ĭ Ì FÄÖH Î Ġ € : FÁ, ¾ : : ÚŒŠUÙÁKÒÜÖÒÙÁT VÁQNÙŒÞÁÌÒÖÜUÁP Œ I: ÒÝŒÔVÆSUÔŒØUÞÁNÞSÞUY ÞÆTŒÚÜÒ : ŒÜÔŒÆPŒJÁÖÒÖÞÁJXÒÜĒJWÞÁÖYÁÐÞÞW : VŸŰÖÄSUÔŒŚŒŶŒJAÞŠŸÂJUWÜÔÒÙÁJØÁ PÖÄJŒY ÁÞUÁJŠŒÞVŮÁŒÁPÐJÁÆJÒŒÆÆ : WÞSÞUY Þ . Ĭ Map Index: HJÍÎI : Þ[}^ : Þæĕ ˈæÆÞæææ^Á, && ``II^} &^ : ÞŒ Ü[••æ] ÄÖ¢æ] ærð : W) \][, } : V[[Iæ] & ÁÐHFFIÏ HŒJ€ÖŒĞS[}*ÁÖ^ææ@@p : Š[•ÆG*AÞHFFIÏ HŒJ€ÖŒĞS[}*ÁÖ^ææ@@p : Š[•ÆG*AÞHFFIÏ HŒJ€ÖŒĞS[]* : THĒ J€€FÁÐÆFFIÐ ÐIÍÍ Ó Z[}^ÆFAÞH HJÍÏ ĠĬÖH IIIÏ : FÁ; ¾	Symbol Type:ÚUΦV ŠÚIĒ ÖÁTSVÁJCE-ÁÚĊÖÜUÁP GŠŠÁTS-ÖÄJWÜÜUWÞÖΦÖÙÁÓÝÁÖÞÖÓ KÖŠÁÖÜGEÜÜÖÜÁÞÖÁP GÁP GÜVÄÖÖÄP ÖÁT GEVÜTT GSVGJÞÁGUÜÁPPÖÁJVÖÖWÜÖÞÖÓÁTEŰÖÁYY UÁFÌÌ FJÍ JÁJÜÁFJJI ÉÞÓÖÖÜÁGGŠÖY UÜSĒ EO Index: IÌÏIF	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ù ÖÖÈ ÂŒĴĊŒŴÂŪŰĊŒŒĈŎĖ IÆŸUÞÆŪUŠŠĊÔVŒJÞÜÄVPUTŒĴÆ ÔÞVŒJÞÜÁ — Dates Last Seen Element: ÝÝŶŒŶŒŶ Site: ÝŶŶĔŶĔŶ Record Last Updated: ௸௵ĒŪĒÎ
UTM: Radius: Elevation: Location Location Detai Threat: General: Owner/Manager Occurrence No Occ Rank: Origin: Presence: Trend: Quad Summary County Summary Lat/Long: UTM: Radius: Elevation:	Z[}^ŒFAÞH H Ĭ Ì FÄÖH Î Ġ € : FÁ, ¾ : : ÚŒŠUÙÁKÒÜÖÒÙÁT VÁQNÙŒÞÁÌÒÖÜUÁP Œ I: ÒÝŒÔVÆSUÔŒØUÞÁNÞSÞUY ÞÆTŒÚÜÒ : ŒÜÔŒÆPŒJÁÖÒÖÞÁJXÒÜĒJWÞÁÖYÁÐÞÞW : VŸŰÖÄSUÔŒŚŒŶŒJAÞŠŸÂJUWÜÔÒÙÁJØÁ PÖÄJŒY ÁÞUÁJŠŒÞVŮÁŒÁPÐJÁÆJÒŒÆÆ : WÞSÞUY Þ . Ĭ Map Index: HJÍÎI : Þ[}^ : Þæĕ ˈæÆÞæææ^Á, && ``II^} &^ : ÞŒ Ü[••æ] ÄÖ¢æ] ærð : W) \][, } : V[[Iæ] & ÁÐHFFIÏ HŒJ€ÖŒĞS[}*ÁÖ^ææ@@p : Š[•ÆG*AÞHFFIÏ HŒJ€ÖŒĞS[}*ÁÖ^ææ@@p : Š[•ÆG*AÞHFFIÏ HŒJ€ÖŒĞS[]* : THĒ J€€FÁÐÆFFIÐ ÐIÍÍ Ó Z[}^ÆFAÞH HJÍÏ ĠĬÖH IIIÏ : FÁ; ¾	Symbol Type:ÚU Φ V SŠÚTĖ ŠČŪTĖ ŠČATS/ÂUCE ÁÚ ĊÕÜU ÁP ČŠŠÁTSE ÖÄÜ WÜÜU WA Ö Φ ÕÙ ÁÖ Ý ÁĎ Þ ÖÖ AČŠÁ ÖÜ GEÌU ČÒ ÚADE ÖÁ P GÜV ŠČŮ TŠV ČETU Ü QY ÁU BÁP Þ ÖÁ FOR JÜTT CS (QUI ÞÁ BÚ ČÁ P P QÚAL Ó Ô WÜÜ Ö Þ Þ Ö ÞÁTE ÖÁ Y U Æ T Ì FOR Index: IÌĪIF HEFFÌ Ī GSBÌ JÖD Mapping Precision Þ U ÞĒJÚ ČÔ QX Ø	Range: FIY Section: ÝÝ Qtr: ÝÝ Meridian: Ü ÖÖÈ ÂŒĴӌŒĴÁŒĴÓŒÆĴŐË IÆŸUÞÆĴUŠŠÔÓV@JÞÙÆÄPUTŒĴÆTÔÞV@JÞÙÁ — Dates Last Seen Element: ÝÝÝÝĚÝÝĚÝÝ Site: ÝÝÝÝĚÝÝĚÝÝ Record Last Updated: ŒŒŒ£ĴĒĒ Township: ⓓ Ü Range: FIHY Section: IHI Qtr: ÝÝ

æ8ãã8Á;[&\^oÁ;[ˇ•^			de: Œ ŒØÖ€F€I G
Status —	N	DDB Element Ranks	— Other Lists ———
Federal: Ò) åæ) *^¦^å		Global: Õĺ VF	CDFG Status: ÙÔ
State: Þ[}^		State: ÙF	
Habitat Associations		_ \$ £ \$ \$ \$ \$ \$ \$ £ _ \$ \$ \$ \$ \$ \$ \$ \$	Y N. C
		PÒÁT ÒÝ ΦÔŒ ÁÓU ÜÖ ÒÜÁPU ÜV PÁVU ÁÒ ŠÁÙ ÒÕ WEÖU ÉŠ	
Micro: UOOT UA/UAJUOØOUAJUGSI	JAJØAØOPOAOESVIKODESAJOEPO	nùán òchúá/pòáu ôòch fáownát wôpáúòt choùá/u áóc	DASCOŒU IP COCE
Occurrence No. F	Map Index: HJÌ Í I	EO Index: HÌÍÎ	— Dates Last Seen —
Occ Rank: Þ[}^			Element: FJHFEJE
Origin: Þeæč¦æ∰D∞æãç^Áj&&	ĭ ^} &^		Site: FJHFËEJËÉ
Presence: Ò¢cã]æt^å			Record Last Updated: Œ Ë Ë
Trend: W}\}[,}			Record Last Opuated. Oct Ed it C
Quad Summary: Ü^å[}å[ÁÓ^æ&@ÁÇ	HFFÌÏIBEJ€ÔDÊV[∷aa)&^ÁÇH	FFÌÏHB€J€ÖD	
County Summary: Š[• ÁŒ; * ^ ^ •			
Lat/Long: HHÈ GÎÎÏÓAÄËFÌÈ	i FHJó		Township: € Ù
UTM : Z[}^ËFFÁ⊳HÏIHÏJ	ÎÁÒHÏGEÎÌ		Range: FIY
Radius: HĐÁ; ā^		Mapping Precision PUP ÜÚÒÔ ŒÔ	Section: FÏ Qtr: ÝÝ
Elevation: F€€Ác		Symbol Type:ÚUФV	Meridian: Ù
Location: ÔŠŒVUÞÉÖŒÙVÁ	JØÁÜÒÖUÞÖUÁÛVŒVÒÁÓÒŒ	ÒPÈ	
General: PŴVUŰŴŴŴŶĤ	HÁ) ÓT ÞPÁ) Ú ÒÔGT Ò ÞÙ ÁGÐ Ó	ÁFÁT XZÁÙÚÒÔQT ÒÞÁQT QIŠÒÉÁN Ï HQÍ DÉÁQEŠÁÔU ŠŠÒÔV	ÒÖÁDÞÁJÒÚÁFJHFÈ
Owner/Manager: WÞSÞUY Þ		,	
Occurrence No. H	Map Index: ⊣JÌÎI	EO Index: HÌÎÎ	Dates Last Seen
Occurrence No. H Occ Rank: Þ[}^	Map Index: ⊞ÌÎI	EO Index: HÌÎÎ	—— Dates Last Seen Element: FìÎÍЁ€ĒÝÝ
Occ Rank: Þ[}^ Origin: Þæč¦æ∰⊅ææãç^Áį&&	•	EO Index: Hìîî	
Occ Rank: Þ[}^ Origin: Þæč¦æ∰Þææãç^Á;&& Presence: Ò¢cã]æ¢å	•	EO Index: Hìîî	Element: FÌÎÍÉF€ÉÝÝ Site: FÌÎÍÉF€ÉÝÝ
Occ Rank: Þ[}^ Origin: Þæč¦æ∰⊅ææãç^Áį&&	•	EO Index: Hìîî	Element: FÌÎÍËF€ËÝÝ
Occ Rank: Þ[}^ Origin: Þæč¦æ∰Þææãç^Á;&& Presence: Ò¢cã]æ¢å	ĭ II^} &^		Element: FÌÎÍÉF€ÉÝÝ Site: FÌÎÍÉF€ÉÝÝ
Occ Rank: Þ[}^ Origin: Þæː (森野 æðip ^Á, && Presence: Òợcā] æð à Trend: W,\}[,}	ĭ II^} &^		Element: FÌÎÍÉF€ÉÝÝ Site: FÌÎÍÉF€ÉÝÝ
Occ Rank: Þ[}^ Origin: ÞæsˈiæÞÞææā¸^Á¸88 Presence: Ö¢di]æs^å Trend: W;\}[,} Quad Summary: V[æ) &^ÁÇHFFi]i	``!!^}&^ -BEJ€ÖDÜÄÄ{}* <i>İÓ</i> ^æ&@İ ÇHF FÌ		Element: FÌÎÍÉF€ÉÝÝ Site: FÌÎÍÉF€ÉÝÝ
Occ Rank: Þ[}^ Origin: Þæˈˈææðpææðp^ʎt && Presence: Öccā]ævå Trend: W/\}[,} Quad Summary: V[ˈˈæð &^ʎt͡p+FFi i ˈ County Summary: Š[•ʎt͡g *^ ^• Lat/Long: Ḥ-t͡t J-ЄF-ʎb/t͡t-Fi t̄t UTM: Z[}^ĒF-fə-Hi ḤJí i	`il^}&^ BEJ€ÖDES[}*#Ó^æ&@AÇHFFÌ	ï GBBÎ JÔD	Element: FÌÌÍĒF€ÏÝÝ Site: FÌÌÍĒF€ÏÝÝ Record Last Updated: C€€1-ĒĒIĒF€ Township: €IÙ Range: FHY
Occ Rank: Þ[}^ Origin: Þæ ˈa#Þ ææð;^ʎ && Presence: Öçcā] æ*å Trend: W;\}[,} Quad Summary: V[;;; *A; *^/;* County Summary: Š[*Á; *^/;* Lat/Long: H-tī J ЄЄГ-ÁЬЙ-Г- IÈ UTM: Z[]^佳F-Æ-H-H-lī Ī Radius: Fʎ ā^	`il^}&^ BEJ€ÖDES[}*#Ó^æ&@AÇHFFÌ	Ï GBBÌJÔD Mapping Precision ÞU ÞÉÙÚÒÔ ©© ©	Element: FÌÌÍĒFŒÝÝ Site: FÌÌÍĒFŒĚÝÝ Record Last Updated: ŒŒĒĒĒĒ Township: € Ù Range: FHY Section: HH Qtr: ÝÝ
Occ Rank: Þ[}^ Origin: Þæˈˈææðpææðp^ʎt && Presence: Öccā]ævå Trend: W/\}[,} Quad Summary: V[ˈˈæð &^ʎt͡p+FFi i ˈ County Summary: Š[•ʎt͡g *^ ^• Lat/Long: Ḥ-t͡t J-ЄF-ʎb/t͡t-Fi t̄t UTM: Z[}^ĒF-fə-Hi ḤJí i	`il^}&^ BEJ€ÖDES[}*#Ó^æ&@AÇHFFÌ	ï GBBÎ JÔD	Element: FÌÌÍĒF€ĚÝÝ Site: FÌÌÍĒF€ĚÝÝ Record Last Updated: C€€1-ÉEIĒF€ Township: €IÙ Range: FHY

Ólæ)å €Árœ Árœ Áræ Ar @ Ar Ar Be	Elemen	ıt Code: ÚÖPŸÖ€ÔÍ F€	
Status —	NDDB Element Ranks	Other Lists	
Federal: Ôæ)åããæe∿	Global: ÕÕÑ	CNPS List: FÓÈ	
State: Þ[}^	State: ÙF		
Habitat Associations			
General: ÔUŒÙVŒŠÁĴĴÔÜWÓŒĴÔUŒÙVŒŠÆÖWÞÒÙÈ			
Micro: UÚÒÞÁŒÜÒŒÙÈÁÜËTÍFÍTÈ			
Occurrence No. Map Index: €	EÖ Index: ÏÍÏ	— Dates Last Seen	
Occ Rank: W}\}[, }		Element: FJ€JËEÎËE	
Origin: Þæcilæ∰Drææãç^Á(&&`ll^}&^		Site: FJ€JËEÎËE	
Presence: Ú¦^∙ˇ{ ^åÁÒ¢æ)c			
Trend: W ₃ \}[,}		Record Last Updated: FJJÍ ËFFËG€	
Quad Summary: V[;;a) &^ÁÇHFFÌÏHB€J€ÖDÂÜ/å[}	å[ÁÓ^æ&@ÁÇHFFFÌÏIBEJ€ÔD		
County Summary: ŠĮ • ÁŒ; *^ ^•			
Lat/Long: H-LÈGJGFóÁAÉFÌÈH-€Îô		Township: € Ù	
UTM: Z[}^ËFFÁÞHÏII€ÌÌÁÖHÏFHGH		Range: FIY	
Radius: FÁ ā^	Mapping Precision Þ U ÞËÙÚÒÔŒÔ	Section: Fì Qtr: ÝÝ	

Location: ÜÒÖUÞÖUÊŠĞUÙÁŒÞÕÒŠÒÙÁÔUŒÙVÈ Location Detail: T ŒÚÚÒÖÁÞÁXÔÞQ QYŸÁJØÄÜÒÖU ÞÖUÁÓÒŒÔPÈ

General: ŮQYÒÁSÞUY ÞÁQÜUT ÁY UÁÐU ŠŠÓÐVQIÞÚKRÖCQÍMÞÁFJEJÁÐBÖÁUGÐÍQÐFÁRFH Í ÁÇIMDÁÞÁFÐÍ JÍ ÞÍÐÖQÍÐÚ SŠÓÐVQIÞÁJÜGÐQÐGŠÁGÐÓSÁÚÞÖUMÖ ŠŒÐÚGÁKGÐÍ NÁÐÞÞUVŒVÖÖÁUÁÚÐÚVÖSSŒÐQÁFJI GÁÚGÐÍQÐPÁÐUŠŠÓÐÓVQIÞÁJÜGÐQGSÁGÐÓSÁÚÐÖUVÓSŒÐQÐÞUVÁÐMÜVÞÖÚAÐÞÞÝÉ

Symbol Type:ÚU ௸ ∨

Meridian: Ù

Owner/Manager: WPSPUY P

Elevation: Í €Ác

nrynosoma blainvillii				
8{ æ oÁQ ¦} ^å Áã æ å		Element Code: ŒÜŒÔØFGF€€		
Federal: Þ[}^		DB Element Ranks ————————————————————————————————————	Other Lists ——— CDFG Status: ÙÔ	
State: Þ[}^	·	State: ÙHÙI	CDFG Status: 00	
• •		State. Of Di		
Habitat Associations —		DUTTUÞÁNÞÁSUY ŠOEÞÖÙÁODŠUÞŐÁÙOEÞÖŸÁY OEÙPÒI		rin Arinè
		ÚCEVÔPÒÙÁU ØÄSUU ÙÒÁÙU (ŠÁRU ÜÁÓWÜ ODŠÉE ÁDÉWPO		
Occurrence No. ŒĨ	Map Index: ∉FÏ JÎ	EO Index:	— Dates Las	t Seen
Occ Rank: Þ[}^	map maex. a roi	Eo mack. a a i		ÝÝÝÝĚÝÝ
Origin: Þæč¦æ∰D≫æãç⁄	^Á\ &&` ^} &^			ÝÝÝÝĚÝÝ
Presence: Ò¢cã]æt\å	, ,			
Trend: W}\}[,}			Record Last Updated:	FJÌJËÈÌËF€
Quad Summary: Q* ^, [[åÁÇH	HFFÌÌHB€J€OEDÉV[∷aa)&^ÁÇHFFÌÏHB	€J€ÖD		
County Summary: Šį • ÁŒ *^ ^•				
Lat/Long: H-LÈÎIFÌÓÁÆ	FFÌÈHÍÎIFÓ		Township: €HÙ	
UTM: Z[}^ËFÁ⊳HÏ	IÏJGIÁÖHÏIÍHÍ		Range: FIY	
Radius: FÁ ã^		Mapping Precision ÞU ÞËÙÚÒÔŒ©	Section: HH	Qtr: ÝÝ
Elevation: F€€Ác		Symbol Type:ÚU Ф ∨	Meridian: Ù	
Location: ÒŠÁÞФÜU∄ŒÚ	ÚÜUÝÂLÁT ÓÞYÁUØÁŠUÙÁÐEÞŐÒŠÒÜ)È		
General: WÙÞT ÂÙÚÒÔ	QTÒÞÙÁÁGFJÍÍÉÍÏLÁÔUŠŠÒÔVQUÞÁ	ÖŒVÒŒĴÐŴÞSÞUYÞÈ		
Owner/Manager: WPSPUY P		•		
Occurrence No. ÏÎI	Map Index: Ì FJG	EO Index: Ì GÌ JÏ	Dates Las	t Seen ———
Occ Rank: Þ[}^			Element:	FJH€Ë€ÌËFJ
Origin: Þæč¦æ∰D≫æãt∕	^Á &&` ^ } &^		Site:	FJH€ËÈÈËJ
Presence: Ú[•• ãa î ÁÒ¢ cã]æe^å			
Trand. \M\\)[)			Record Last Updated:	GEFFEEHEEH
Trend: W}\}[,}				
Quad Summary: Ùæ) ÁÚ^å¦[ÁÇ-l	HFFÌ Î HBĐÏ HOĐ			
	HFFÌ Î HBEÏ HQED			
Quad Summary: Ùæ) ÁÚ^ål[ÁÇH			Township: ế Ù	
Quad Summary: Ùạ Á/ ⦠Áḍ/ County Summary: Š[•Áʤ *^ ^• Lat/Long: H-tỉ H-l ·祈趙 UTM: Z[}^臣FÁɔH i	FFÌ KGJIÏ Jó		Township: ếÚ Range: FIY	
Quad Summary: Ùa) Á\^⦠Áḍ- County Summary: Š(• ʎ珥 • ^\r Lat/Long: H-莊 H-I 〈析苑 UTM: Z[} ^莊F-슈H Radius: FÁ 為^	FFÌ KGJIÏ Jó	Mapping Precision⊳∪⊳සි∪්රට්ගැන්	Range: FIY Section: G	Qtr: ÝÝ
Quad Summary: Ùṇ Á\^⦠Áḍ- County Summary: Š(•佑珉 •^\/• Lat/Long: H-世 H-I /佑趙 UTM: Z[}^佳F슈H	FFÌ KGJIÏ Jó	Mapping PrecisionÞUÞĒJÚÒÒŒΦ Symbol Type:ປປΦ∀	Range: FIY	Qtr: ÝÝ
Quad Summary: ὑạ Ál^â¦[梲] County Summary: Šṭ • 梲玩 * ^ ^ • Lat/Long: 卅莊 卅 I がん UTM: Z[}^庄F応 卅 Radius: Fʎ 森 Elevation: Fǐ €Ác	FFÌ KGJIÏ Jó	Symbol Type:ÚUФV	Range: FIY Section: G	Qtr: ÝÝ
Quad Summary: ù為 Á\^â¦[於] County Summary: š(• 故 * ^ ^ • * ^ • * * ^ • * * * * * * * * *	ÈFÌ BEJJÏ J6 HHHÍ JÁÖHÏ JÍ Ì J KÜCEÞÁVÖÖÜU BÄSUÙÁGEÞÖÖSSÜÖVÖU'	Symbol Type:ÚUФV	Range: FIY Section: G Meridian: Ù	Qtr: ÝÝ

Owner/Manager: WÞSÞUY Þ

olioptila californica d	californica		
&[æ•cæ‡/Óæ‡ã[¦}ãæ/t}ææ&a			Element Code: ŒÚÚÓR€Ì €Ì F
Statu		NDDB Element Ranks	Other Lists
Federal: ∨@^æ^}	^å	Global: ÕH/G	CDFG Status: ÙÔ
State: Þ[}^		State: ÙG	
Habitat As			
		ZÁÔU ŒÙ VŒŠÁÙŒÕ ÒÂÙ ÔÜ WÓÁ ÔÒ ŠU YÁGÍ €€ÁZVÁÐA.	
Micro: SUY EXO	JOEUVOESAJOEO OAJOUWO ADEJODA	AY CEUPOUEAUÞAT OUCEUABAUSUUOUEAPUVACESSACE.	ÒŒĴÁŌŠŒĴŨŒŒŎÁŒĴÁŌUŒĬVŒŠÂŨŒŌŎĀĴŌŰWÓÁŒĴŎÁĴŌŴÚŒŎĠĒ
Occurrence No.	H€ Map Index:	€FÎÎÎ EO Index : GJÌI€	— Dates Last Seen —
Occ Rank:	Õ[[å		Element: Œ€Î ËÊÎ ËF€
	Þæcilæ#Enrææ@iç^Aj.&&` ^}&^		Site: ©€€Î ËEÎ ËF€
	Ú¦^• `{ ^åÁÒ¢œ; c		Record Last Updated: ŒÎ ŒÎ
	Ö^& ^æ-ā]*		
•	., . ,	DÔÀU a) ÁU^å¦[ÁÇHFFÌÎHÐEÏHOEDÂV[¦a) &^ÁÇHFFÌÏ	HBEJ€ÖD
County Summary:	\$[• AOF; * ^ ^•		
	HHĒIÍH€óÁÐÁĒFÌÈÜÎÌJó		Township: €Í Ù
	Z[}^ËFFÁÞHÏHIÏJGÁÖHÏ€ÎFF		Range: FIY
Area: Elevation:	1666	Mapping Precision ÞUÞ Symbol Type :ÚUŠ	
			vÁÜÖÁÇQA ÔŠWÖQA ŐÁT ÔÔCCÜÜÒŠŠÙÁÔŸÞDÉÄÜCÐÞÔPUÁÚCCŠUÙÁXÒÜÖÒI
Location Detail	: OŠU ÞÕ ÁÚCÍŠU ÙÁK ÓÜÖÖÜÁÓÜÁY ÚÒÞ OR ÙWŠOZÁUU OR VÒÁÇIŠÓÒÜU	ŘÍÚCIŠU ÙÁKÒÜ ÖÖÜÁÖÜÁÜÁ POEY VPU ÜÞÖÁÓŠXÓ ÁÔVŘÍQTI EEI LÍÁBAÁOCEUS OÞVOR ÒÁÔÝ ÞÁJÜ ÖÙÖÜ XÒÁ	ὸΕΙΙΟΘΟΦΡΥΑΌΟΒΛΟΣΙΟΣΙΟΙΤΑΊΝΑΛΑ ΦΟΦΡΑΘΑΊΟΕ ΙΒΕΘΟΚΟΦΑΘΟΡΑΘΟΙΑΓΟΙ ΦΕΘΕΡΙΑΓΙΕΙ ΙΣΕΝΝΙΘΟΣΙΛΟΘΑΥ ΕΝΕΙ ΚΟΘΟΟΛΟΕΘΑΙΕΤΑΙΝΕΘΊΝΑΟ ΜΕΤΑΙΟΝΕΘΙΑΓΙΑΓΟΙΑΓΟΙΑΓΟΙΑΓΟΙΑΓΟΙΑΓΟΙΑΓΟΙΑΓΟΙΑΓΟΙ
Ecological:			ÒÞ ΦÙN ŠŒÂÙ NŰ X ÒŸ ĔĞÜLT ΦŒYÒĞIÁЎŸ ÍAEÜ VÒT QÙŒJĞOŒŠŒUÜÞ ΦŒ ÚÒÞ ÂÙÚŒÔÁÇÜ XÚŠÔEÜ ÜÕŒÄT ŌÔŒÜÜÕŠŠŒIAÔŸÞ ĀÇŒÜS OÞ VŒÒTĀ
Threat:	VPÜÒŒ/ÒÞÒÖÁÓŸÁUÞÕUŒPÕÁ/	NÜÓ CEÞÁ ÖÖXÖ ŠUÚTÖÞVÁ CEÞÖÁ ZÜÖÐ ÜÜDET CÞŐ Á	ÖUT ÒÙV��ÁŌŒVÙÈ
General:	FJÌ ĐÁL ÚÜÙÁBÁFOL ÖĞÖLÐÁGI ÓÜÖ ØŠÖŐ ÉNEGAL VÒÜÜÉGÁØŠÖŐ ÉNEH	OUBÂ VÒÜÜBÁG FKÁGÚÜÙBÁGÍ KÁI ÚÜÙBÁGI KÁI VÒÜÜBÂI. KÁI ÚÜÜBÁHASÞBÁBI KÁFFÁDBÍBGASÞBÁBI KÁI ÁDBÁDÁÇDBÁ	ÁÞÖÙVÙÁRJÁRSÖŐÐÁÐÌKÁLÚÜÜÐÁGERÁRGÁÐÐÁFGÁRVXKÁLÁÚJÓÙÐÁGFKÁLÚÜÜ ÖÜUDÁLÍÁÍÁJÓÜÈ
Owner/Manager:	ÔQYŸÁJØÁÜŒÞÔPUÁÚŒŠUÙÁXÒÜ	ľÖÒÙ	
Occurrence No.	HH Map Index:	€FÌ € EO Index: G´ FFI	— Dates Last Seen —
Occ Rank:	·		Element: FJÌ €ËÝĖÝÝ
Origin:	Þæcilæ (1488-1488)		Site: FJÌ €ËÝÉÝ
	Ú¦^∙ˇ{ ^åÁÒ¢œa)c		
Trend:	W}\}[,}		Record Last Updated: ⊖€€ ĒÉ ĒFJ
Quad Summary:	V[¦;a)&^ÁÇHHFFÌÏHBEJ€ÖD		

Location: ÙWÞÞŸÜŌĞŌÁÜŌĒŒWŒŦŒĎތԌŸUÞÁÞÒŒŰÁUĽŠŠΦŌÆĞŠÙĒKÔФQŸÁJØÁÚŒŠUÙÁKÒÜÖÒÙÈ

Location Detail: T ŒÚÓÖÁ/UÁÚÜU X ØÖÖÖÁT ŒÚÁBÁFJJI ÁÐÐÜ QÐÉÁÐT ŒŐ ÒÙÈ

Ecological: PCDCOVCB/ADMÃDUCEUVCBŠÁUCEĎAŬUĆŰĎÁUČÚŠCUT OPCBYĎŐÁÚÝÁDÚVĎT ODCBÁĎČOŠODUÚÞOĎCBŠÚÚOUĎUÞUVT ÁZCEUÐÓOĎWŠCBVNT ÁBDÞÖÁUCBŠXODÆT ÖŠŠODĎÚCE

Mapping PrecisionÞUÞËÙÚÒÔŒ© Symbol Type:ÚUŠŸÕUÞ

Threat: ΥΡÜÒŒ/ÒÞÒΘΘΑΎΑ ΙΡΘΟΦΘΑΝΟΌΘΕΑΌ ΧΟΝ ΤΟ ΤΟ ΜΕΘΕΙΑΙ ΤΟ ΜΕΘΕΙΑ

General: FËSÁÚŒÜÙÁJÓÙÒÜXÒÖLÁ ËF€ÁÚŒŨÙÁÔÙVŒ ŒVÒÖÈ

Owner/Manager: WPSPUY P

Area: Elevation: ÏÍ€Ác Section: €J

Meridian: Ù

Qtr: ÝÝ

&[æ-cæ ÁÔæ ã[¦}ãæ/t}æ&æ&æ&@		NDDD Flowers Books	Element Code: ੴÚÓR€Ì €Ì F ———— Other Lists ——————
Status Federal: ∨@^æ^}^å State: Þ[}^		NDDB Element Ranks Global: ÕH/G State: ÙG	CDFG Status: ÙÔ
	EÞÒÞVÁÜÒÙŒÖÒÞVÁUØÁÔUŒÙVŒŠ	ÁJOZŐÖÁJJÓÜVNÓÁÖÖŠUY ÁGÍ €€ÁZVÁGÞÁJUV ÞÁT ÖÜGRÍÆÁJJŠUÚÖÙEÁÞUVÁGEŠÁGRÍJÖGR	WP ÒÜÞÁÔŒŠŒUÜÞŒË ÙÁÔŠŒÙÙŒŒŎÁŒÙÁOUŒVŒŠÁŬŒŐÒÁVÔŬWÓÆŨÒÁVÔÔWÚΦŎĒ
Occurrence No. H Occ Rank: Õ[[å Origin: Þæ [為即æ Presence: Ú ^• * { ^å/ Trend: 以\\}[, }		EO Index: ŒĨ JÎ	— Dates Last Seen ——————————————————————————————————
Quad Summary: ऐ為 ᡬ/ヘå¦[〃 County Summary: Š[• ᡬ段 *^/	•		
Lat/Long: H—HËGJI€ó UTM: Z[}^ËFFÁ⊳ Area:		Mapping PrecisionÞUÞЁ∪்	
Elevation: Œ€Ác		Symbol Type:ÚUŠŸÕl	JÞ Meridian : Ù
Location: ÓÒVY ÒÒÞ	ÁT CEÜŸT UWÞVÁÙÔPUUŠÁVUÁ/PO	ÒÁÞÉÁVPÒÁUÔÒOÆÞÁVUÁVPÒÁÙÁBÁYÉÁBÁVPO	ÒÁÔQYŸĐÔUÜÚÁÓUWÞÖÜŸÁVUÁYPÒÁÒĐÄÜŒÞÔPUÁÚŒŠUÙÁKÒÜÖÖ
Location Detail: (ÞÓŠWÖÒÙ UÓÒŒÞÁ/Ü	JÁNY QVÔP Ó CIÐS VÁJÚ Ó ÞÁNÚ CIÐ Ó Á NOESSVÁR Ó ÚÁGRI EN I IBBAZU OD ÞÖ V POL	BÁ ÚPU Ü ÒŠOÞ ÒÁÚ ŒÜ SHÁOS/YÌ €ÁÚ OV ÒÁÞ Œ VÁÔUTT Á Ũ ÒÕÁÚ ŒÜ SÁQŒI ŒÁVÜ WTÚÁÞOS/O	FÒÁS ŠU Ù BÁNÚ ÖCE/ Ò ÖÁY BÁ FÁBY Ù ÄÖ ØĞ QYCEŠÁÚU ŠÝ ÕU ÞÙ BÁNQYÒ Á ŠÁÖU ŠZAÐU WÜ Ù ÒÁQBEI BÁNU Ü V Ò Ō W Ò Ù ÒÁO Ò ÞÖÁÞ CE/ÁNÜ Ò Ù ÁQBEI
Ecological: PŒÓQŒÁ ÔŒŠŒŨÜÞ ÚUUÜÈ	NÁÔU CEÙV CEŠÁÙ CEŐ ÒÁ Ú ÔÜ WÓ ÉĞÜ U CÊ CEŠA TÜĞE ČÉŠ TÜĞÜ CEĞ ÖÜ Ü CEĞE ÇEV ÖĞE ÇEV ÖĞE ÇEV ÇEV ÇEV ÖĞEV ÖĞEV ÇEV ÇEV ÇEV ÇEV ÇEV ÇEV ÇEV ÇEV ÇEV Ç	ĐỘA UWA LIĐING TÓ VỀU LÀ LÝ CÁ CÓ LÓ CÓ CÓ CÓ ĐỘN TWA LIỀ TO MỘU THÀ LÝ CÓ 4ĐỚA TWA LIỀ CÓ THỊ THÀ LÝ CÓ 4ĐỚA TWA LIỀU THÀ LÝ CÓ 4ĐỚA TWA LIỀU THÀ LÝ CÓ 4ĐỚA TWA LIỀU THÀ LÝ CÓ 4ĐỚA TWA LIỀU THÀ LÝ CÓ 4ĐỚA THÀ LÝ CÓ 4ĐƠ THÀ LÝ LÝ CÓ 4ĐƠ THÀ LÝ CÓ THÀ LÝ CÓ THÀ LÝ CÓ THÀ LÝ CÓ THÀ L	DÍÁDÜQUŐUÞWT ÁZQZÚÓQÓWŠCZVWT ÁRQÜUÔUT CZÁKÓÞÓVCEÁÓÞÓÒ IÒWT ÁT CIŠUÙT CIÁSCZNÜQÞCEÁÐ CIÐ QYCIZVÁÚWCEŠQYRÁÖÝÓÖŠŠÓÞV
Threat: VPÜÒŒVÒ	⇒ÒÖÁÓŸÁUÞÕUOÞÕÁNÜÓOÐÞÁÖÒX(ÒŠUÚT ÒÞVÈ	
			HÁUÜÙBÁUUUÜÂUWÜXOXOBÉA′OÞVÒÜÁOIBÍÉÍ BÁOÏKAÙÒÚBUÔVBÉFÍ WÖÒSDBÁBBÍKÁÌÄÖÖVÒÔVOUÞÙÁDWÖÒSD

Occurrence No. F€	Map Index: €FÏ I	F EO Index: GJÌ I G	—— Dates Last Seen ———— Element: G€€Î ÊÊÎ ÎÊÎ
Occ Rank: Ò¢&\	^}c #BD>æaãç^Án(&&*¦¦^}&^		Site: G€€ÎÊÎÊÎ
Origin: Þæ: ia Presence: Ú¦∧∙ ĭ l			Site. Ged El II
Trend: Ùœà ^			Record Last Updated: G€€ È€ ÈFG
County Summary: Šį • Æ	. ,	ÁÇHHFFÌÏHBEJ€ÖDÖÄÜ^å[}å[ÁÓ^æ&@ÁÇHHFFÌÏHBEJ€ÔD	
	ÍGJóÁÐÁËFÌÈHÍIÌÎó		Township: €ÍÙ
UTM : Z[}^Ė	FFÁ⊳HÏHIÏHJÁÖHÏIÍ€I		Range: FIY
Area:		Mapping Precision ÞU ÞËÙÚÒÔŒÔ	Section: FÎ Qtr: ÝÝ
Elevation: Ì €€Ác	:	Symbol Type:ÚUŠŸÕUÞ	Meridian: Ù

Location: ÓUWÞ ඊඊඊ/ŘIÞÍOTÉÚÞ ÞÁÐUXÒÁÐUXŮÁÐÓÞ ÔÆÐUÐ ÁIÐÓÜUÆÞ ඡ්sēMÜU ŠŠÆÞ ŐÆÞ ඡ්sĒÚÆÞĀIÞÓUÐ ÚVÐÁUÐÉ ÚVÁÐÉ Location Detail: SŠU Þ ඊයු එරිටණ ÝUÞ ÁIÐÁÐUÐ ÓÐ ÚBÁÐUÐ ÁINÚX (XCÆÁJ 24ÅÞ හු ÝOÐ ÓÐ ÚÐÁ ÞÁÐUÐ ÁÐ ÓÐ ÓÐ ÚÐÁ ÓÞ ÞÐ ÚVŠŒÆNÚ ÖGV ÓÐÁF OÐ ÞÁ Í ÁÐY ÚÁ ET ÁJU ŠÝ ŐUÞÙÉ ලෙළෙඩ් ගුර්ණ ගුප ÁNÚÚ ඊÚ ÁRSÍÐU ÚVT ÉGGEÐ ÁJ ගුර්ණ ගුප ÓÁJ UŰVMÐ MÐÚÐÁÐ ÓÞ ÓÁÞ ŒÐ WŨ ÓÁJÚ ÖÐ ÚÚ XÐÉ

Ecological: PCEÓQYCEVIRÍOUCEÚVCIŠÁUCEÓÒÁÚÓÜWÓÄÜUT QPCEVÖÖÁÓŸÁTEÚVÒT QWORÁÓCIŠQQUÜÞQÓGEÁÖÚQUŐUÞWT ÁZCEÚÓQÓWŠCEWT ÉKTEVŰQÚŠÒÝÁŠÓÞVQQUÜT QWÉÖÞÓÖĞQCEÓCIĞACUÜÞQÓGEÁÜPWÚÁQÞVÓÖÜQQUŠQQGÁTÖÁÚSÁVQÁT ÖÄŠQQATÖĞŠQQCÜCEÁT CEÞŸÁDEÍÓCEÚÁÞUY ÁÞCEWÚÖÁBÁUÚÓÞÁÚÚCEÓÓÁŰÖÒÚÖXÖÚÁÇÚXÚŠÓÈLÜŐDE

General: FJÌ ĐÁ ÁUÜÙÆÁHÁÞÖQKÉÖÙVÁFÍ ÉTÍ ÁUÜÙÉKJJÐÁGFÁÞÖQKÉÁ ÁVÖÜÜÉKJJÐÁ ÁÖÜÖÖÖÖÞÐ ÖÁÞÖQKÉKJJÍ KÁFÁÜÜÙÉKJJÍ KÁHÓÜÖÖÖÖÞÞÖÁÚÜÙÉKŒÐÁÖÁÚÜÙÁÞŒVÈ ÜÒÙÉÖUÞÙWÁVÉEÉÐÁÐ KÁFGFÁÖÖVÖÖVOUÞÙÁÇÖWÖÖSDÉ

Owner/Manager: ÔQ\ŸÁJØÁÜŒĐÔPUÁÚŒŠUÙÁKÒÜÖÒÙ

Full Condensed Report for Selected Elements - Multiple Records per Page

olioptila californica californica			
8[æ:cæl/Ôæláf } ãæft}æssæs@		Element Code: ŒÚÚÓR€Ì €Ì F	
Status	NDDB Element Ranks	- Other Lists	
Federal: V@^æ^}^å	Global: ÕH/G	CDFG Sta	atus: ÙÔ
State: Þ[}^	State: ÙG		
	ÒÞVÁJØÁÐUŒÙVŒŠÁÙŒÕÒÁÙÔÜWÓÁÓÒŠUYÁG	Á <i>€€ÍR</i> NÁMDÁÙUWVPÒÜÞÁÔOPŠØNUÜÞØÐF	
		U VÁDĚŠÁCEŮ ÒCE JÁÔŠCE Ú Ů CORÔCÁ ČCE JÁO U CEÚV CIĚÁÚ CE	ĐÒÁUÔÜWÓÁŒÜÒÁUÔÔWÚŒ)ÖÈ
Occurrence No. I ∫ € Map	ndex: GHF E0 Inde	ex: ÎÍŒ	- Dates Last Seen
Occ Rank: Õ[[å			Element: G€€ÍË€JËG
Origin: Þæč¦æ∰Dææãç^Áį́&&∵¦¦^}&	^		Site: G€€ÍË€JËG
Presence: Ú¦^• { ^åÂÒ¢æ}c			
Trend: Ùœài∣^		Record Las	st Updated: Œ Œ Œ Œ
Quad Summary: V[; a) & ÁÇHFFì ï HE€J€Ö	D		
County Summary: Š[• Æ; *^ ^•			
Lat/Long: HHĒÏGÏÖÁÐĀĒFÌÈH€G€IÓ		Township	o: €ÍÙ
UTM: Z[}^ËFFÆÞHÏHÏÏHÆÒHÏ、		Range:	
Area:		cisionÞUÞËÙÚÒÔŒ© Section	
Elevation: FÍ €Ác		Type:ÚUŠŸÕUÞ Meridian	
		(KÒÁÞÉÁBÁÝ ÒÙVÁUØÁŐŒØØÖŸÁÙVÜÒÖVÉÁÜŒÞÁÚÒÖ	
Location Detail:T ŒUUOOA/UADY ŪAO@0 F€Ã ÁUØÁ∕U√OŒÁÚŒĔUÙ/	YOSÁUU SY UEPROUVU Ú ODOSAOCE/OEFABACEX CESPER ÍX ÒÜÖÒÙÁÚÒÞ OÐ ÙWŠCEÁUU ÚWŠCE/OUÞ ÉFR CEÓO	OCEÓQVOS/ÁDA ÁDBÖÜ QOSSÁTI OCEÓ Ó VÁÇDI ÉREFE DEÁDA ÁFJJHÁ VOSVÁ VÖ Ó VU Ü COSVQU ÞÁ Ó 2020 U V V Ú ÁNÞÖ Ó DÜY OSFÁÇY	NOVOAY OEJADÚVOT OEVOOA/UAPUS YYÈÚXÚŠÔÈJÜÕEŠOEÞÖBÖØÙÚD
	ÙÁÙÔU ÚŒÜQNÙÊÁPÒT QZU ÞQQEÁØŒÙÔQÔWŠŒVŒ	ÁDEÍVÒT QÙQUÁÐCEŠQUUÜÞQÐCHÁÖÞÓÖŠQUHÓCEŠQUU ÁDEÖ/ÄSUVWÙÁJWÜÙÞQDÐWÙHÁJCEVÔÞÁUÁ/ÞÒÁJ	
Threat: VPÜÒŒ/ÒÞÒÖÁÓŸÁØÒÜŰ	riská Ocevů Běr Oró Oy Oev kö Ö Ö Ö O ORÓ OEV OU ÞÁRÁÐA XORÚ	QJÞÁJØÁÒÝUVÔÓÁÚŠŒÞVÙ	
General: FJJHÁGÌÁŒÚÜÊÁÁÚÜÙÁÚŒ UÓÙŘG⊖€ÍÆGÍÁGÌÁÙÓÍÆGÁÍ	DÙÁÇ ÁJÜÙÁÒÙVDÁQÜUT ÁEÏ HEËFFHEÁR ÜÙÈÁGEEI ÓÙÁÓÝÁÙÈÁUÒÒÖÁQYÒÜŒÔUÜDBÁJŒŠUÙÁKÒÜÖ	CHÁCÍ ÁCENŐ ÉGÁCIÖWŠVŮQÑDÁU ÓÙ ÉGEGHÁT CEYÉRNÞÍ ÒÙ ÁCŠNIÒ ÁOMAVOÙ ØŠYÁJU ÚÁJU ÖÙ ÒÞVÈ	ÉÁF€ÁDEÖWŠVÙÉÁ ÁRWKCÜLÉÁBÁ ÁMÞSA
Owner/Manager: ÖUÖË⊅ŒXŸ	· · · · · · · · · · · · · · · · · · ·		
Occurrence No. Ì JF Map	ndex: ÏFHÎ E0 Inde	ex: Ï GGHJ —	- Dates Last Seen -
Occ Rank: W}\}[, }			Element: G€€Î ËEI ËFH
Origin: Þæč¦æ∰Drææãç^Á;&&覦^}&	^		Site: G€€ÎËEIËFH
Presence: Ú¦^• { ^åÂÔ¢æ} c			
Trend: W}\}[,}		Record Las	st Updated: Œ ĒĒĒĒFG
Quad Summary: V[;;;æ) &^ÁÇHFFÌ Ï HB€J€Ö	D		
County Summary: Š[• Á珠 *^ ^•			
Lat/Long: HHÉ ÎJÎÌÓ ÁÐÆFFÌÈHÏGÌGÓ		Township	o: €ÍÙ
UTM: Z[}^ËFÁÞHÍHÍIÎÎÂÒHÍ		Range:	
Radius: Ì€Á\^c^¦•	Mapping Pre	cisionÙÚÒÔØØÔ Section	: €Í Qtr: ÙÒ

 $\textbf{Location: } \textbf{CE} \textbf{U} + \vec{O} \textbf{A} \textbf{Q} \textbf{CO} \textbf{A} \vec{V} \vec{O} \textbf{CO} \textbf{A} \vec{V} \vec{O} \vec{A} \textbf{P} \textbf{U} \vec{V} \textbf{P} \textbf{Y} \vec{O} \vec{V} \vec{A} \textbf{J} \textbf{Q} \vec{O} \vec{U} \vec{O} \textbf{P} \vec{U} \textbf{Y} \textbf{P} \textbf{C} \vec{Y} \vec{O} \vec{S} \vec{X} \vec{O} \vec{B} \vec{A} \vec{U} \vec{O} \vec{A} \vec{V} \vec{O} \vec{S} \vec{A} \vec{U} \vec{O} \vec{A} \textbf{P} \vec{U} \vec{V} \textbf{P} \textbf{Y} \vec{O} \vec{V} \vec{A} \textbf{J} \textbf{Q} \vec{A} \vec{O} \vec{U} \vec{O} \textbf{P} \vec{U} \vec{A} \vec{V} \vec{O} \vec{A} \vec{V} \vec{A} \vec{A} \vec{V} \vec{A} \vec{V} \vec{A} \vec{V} \vec{A} \vec{V} \vec{A} \vec{A} \vec{V} \vec{A} \vec{V} \vec{A} \vec{V} \vec{A} \vec{V} \vec{A} \vec{A} \vec{V} \vec{A} \vec{A}$

Mapping PrecisionÙÚÒÔŒ© Symbol Type:ÚU ₾ V

 $\textbf{Location Detail}: \texttt{T} \texttt{CE} \acute{\textbf{U}} \acute{\textbf{U}} \acute{\textbf{O}} \acute{\textbf{O}} \acute{\textbf{A}} \lor \acute{\textbf{A}} \acute{\textbf{A$

Threat: ÖÒXÒŠUÚT ÒÞVÈ

General: GÁÖÒVÒÔVÒÖÁJÞÁFHÁŒÚÜÁŒ€Ê ÁÓŸÁŐÉÁT GŠŠÒÜÁÇÚÙUT ŒÙDÉ

Owner/Manager: WPSPUY P

Elevation: FÊF€€Á€

Meridian: Ù

Full Condensed Report for Selected Elements - Multiple Records per Page

- NDDB Element Ranks Global: Ő[State: ÜGÜH 近頭声紅中 ÖÁUYP ÖÜÄUY ŠŒ ÖÂP ŒÓŒ Œ ÚÛÁY Ĉ ÒË/ÒÝ VWÜ ÖÖÐ Œ ÖŸÂU ⑤ ÜÁ ÒŒ ÚÁV ÜÒŒ Ū EO Index: ÌÍ GÍ J	Other Lists — CDFG Status: LÜVÁJØÁP ÒÆÖÒÜÖÜVÈ LÜÐÄÜOXÒÜÜÐÆSOESÖÜÆJÖÖOÐÁUÆÖÆÞÖÜVOÞŐÆUŠÒÈ — Dates Last Seen —
State: ÜGÜH EÜGEÞÁÐÞÖÁUVPÖÜÆSUY ŠŒÞÖÁPŒÓQYŒYÙÁY Ò ÒĞYÖYVWÜÖÖÐÐŒÞÖŸÁJUĞSÜÁÞÒŒÜÁJVÜÒŒT (νὺνΑυ ΘΑΡ Ο ΑΓΟ Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο
EÚCOBÞÁTBÞÖÁUV PÒUÁŠUY ŠOBÞÖÁPOEÓGYOSVÚÁY Ò ÒBYOÝVWUÖÖRÐORÞÖŸÁUUGŠÚÁÞÒOEÚÁUVÜÒOET (ÚÁÚ CK ÒÜ ÚÁÁSCES ÒÙÁU Ô ÔCE Á/U ÁÔ Ó ÁR ÒÙ VOR Ó ÁR U ŠÒÈ
ÒĒ/ÒÝVWÜ ÖÖBÙŒÞÖŸÁÙU (\$ÙÁ> ÒŒÜÁ)VÜ ÒŒF (ÚÁÚ CK ÒÜ ÚÁÁSCES ÒÙÁU Ô ÔCE Á/U ÁÔ Ó ÁR ÒÙ VOR Ó ÁR U ŠÒÈ
ÒĒ/ÒÝVWÜ ÖÖBÙŒÞÖŸÁÙU (\$ÙÁ> ÒŒÜÁ)VÜ ÒŒF (ÚÁÚ CK ÒÜ ÚÁÁSCES ÒÙÁU Ô ÔCE Á/U ÁÔ Ó ÁR ÒÙ VOR Ó ÁR U ŠÒÈ
EO Index: ÌÍ ⋳Í J	— Dates Last Seen —
EO Index: ÌÍ ŒÍ J	- Dates Last Seen -
	Element: FJŒFËÝÝËÝÝ
	Site: FJŒFËÝÝËÝÝ
	Record Last Updated: ŒFFËŒG

Location: ΆÒŒĹØÁĴŒÞÁĴŎÖÜUÁŒÞÖÁĎÒŒĎÁTŒÞÙÁÐÌŠŒÞÖÁÇÏÒÙÒÜXŒĬÆÐÞÁŰUΦVŒŠŠUÙÁŒÞÕÒŠÒÙÁÔUWÞVŸÈ

Location Detail: Y ØXZ/ÔÕÕÁJÒVŮMÄŠEEÁDÞŐÁJŒÞÁJŒÞÁJŒÞÁJŒÞÁBEÁDÞŐÁJŒÞÁJÒÖÜUÁJUŒĎÁÞÔŒÍAJEÍBÁBÁJŒÞÁJÖÖÜUĒÁÞÒÚŪŪĒÁPÒÚŒŰÖÙUÞMÄŠŒŰŐÒÁÐUŠUÞŸ Y ŒJÁÞÒÙVŒÞŐÁJÞÁÖÒŒŐÁ ŒÞŒJÁЊŒÞŐÁDÞŐÁŒÞÁJÆVÁPÓÁSWT ÓÖÜÄYŒŰÖÙÁDÞÁJŒÐÁJÓÖÜUĒÁ

Ecological: ŒŮŰŒŚÁT ŒŮÔÁŒFŒŇPUY ŮÁ/PŒJÁ/PÔÁŒĬÔŒPŒJÁÓÔÞÃÔÔXÔŚUÚÔÔŘŐÔŒĬÁ ŒÞŮÁŨŚŒÞŐÁŨÁÞUY ÄÔŒŚŚŎÃŰÔŮÔÜXŒJØÞÁUUŒVÁÞÐŐÁPÔ ÒŒĬVÄŨŎÔÁJØŤŒÞÁPŒÞÔŠÆŒĬÁĴŒŶÔĎÞÁSŠŎŐÁPÁЊÖŐÁPÁÐÞŐÁÔÒÞÁSŠŠÔŐÁPÁÐÐÓŽÓĽÚÔŐÁŒŠUÞŐÁ ŒPÁJVPÔŨÁUÚVØÞÙÁJØÂÚŒÞÁJÔÖÜUÁŒÝÉ

Mapping Precision ÞU ÞËÙÚÒÔ ����

Symbol Type:ÚU ₽V

Section: WÞ

Meridian: Ý

Qtr: ÝÝ

General: ΘΙΘΌΘΙΟ ΔΙΡΟΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΜΑΙΡΟ ΦΟ ΜΑΙΡΟ ΜΑ

Owner/Manager: WPSPUY P

Radius: FÁ 4^

Elevation: ŒÁc

T[@aqç^ÁnčaÁks@là		Element Code: ŒÔRÓFHEHP
Status —	NDDB Element Ranks —	Other Lists
Federal: Ò} åæ) * ^ ¦ ^ å	Global: ÕI VF	CDFG Status:
State: Ò} åæ) * ^ ¦ ^ å	State: ÙF	
Habitat Associations		
General: ÒÞÖÒT Ó ÁVUÁ Þ Ó ÁT URO X Ó ÁÜ OX	ÒÜÁÓCEÙOR ÉÁCEÖCEÚVÒÖÁVUÁCEŠSOSŠOR ÒÉÁT OR ÒÜCEŠOZÖÖÁY CEVÒÜ	ÜÙÈ

Occurrence No. Í Map Index: €FÎÎÎ EO Index: GìH Dates Last Seen Element: FJÏÎËÝÝËÝÝ Occ Rank: Þ[}^

Origin: Viæj•]|æjoÁuˇo•ãå^Áį-ÁÞæsãç^ÁPæàÈDÜæj*^ Site: FJÏÎËÝÝËÝÝ

Presence: Ò¢cã] æ¢\å Record Last Updated: FJJÌ ⋢€⋢J

Trend: $W_{1} \setminus []$

Quad Summary: V[;; æ) &^ÁÇ++FFÌ Ï HB€J€ÖD County Summary: Š[• ÁCF * ^ |^•

Lat/Long: HHE HFFÓÆFFI ÈH Í Î Í Ó Township: € Ù UTM: Z[}^ËFÆHÏ HÌ JŒÆÖHÏ Í I FG Range: FIY

Radius: FĐÁ 4^ Mapping Precision ÞU ÞËÙÚÒÔŒÔ Section: HH Qtr: ÝÝ Elevation: Ï ŒÁc Symbol Type:ÚU⊕∨ Meridian: Ù

 $\textbf{Location: } \dot{\textbf{U}} \textbf{UWP} \hat{\textbf{AO}} \textbf{U} \textbf{CE} \textbf{V} \hat{\textbf{AO}} \textbf{U} \textbf{VCE} \textbf{Q} \hat{\textbf{AO}} \textbf{CE} \ddot{\textbf{O}} \dot{\textbf{O}} \textbf{P} \hat{\textbf{AU}} \dot{\textbf{O}} \textbf{AVO} \textbf{QWT} \textbf{E} \hat{\textbf{AU}} \dot{\textbf{CE}} \textbf{U} \dot{\textbf{A}} \dot{\textbf{A}} \dot{\textbf{O}} \ddot{\textbf{U}} \ddot{\textbf{O}} \dot{\textbf{O}} \dot{\textbf{D}} \dot{\textbf{E}}$

Location Detail: ÒÝÚÒÜCI ÒÞVCIŠÁÜCIÐ-ÙÚŠCIÐ-VÁUWWÙÖÖÒÁ-CBVCIÒÄÜCIÐ-ÖÒÄÖUVCIÐ-ÖÖÄÖÜÖÒÞÁÐIÁĞUÖCB-ÖÖÄÆVÁĞI H€€ÍÖÜÒÞÙPCIY ÁÖŠXÖÄÄÚCIŠUÙÁXÒÜÖÒÙ
ÚÒÞ-ΦÈWŠCIÄÄÖCIÁJ €Ğ I

VÒT ÚU ÜŒÜĞYÄUMÔÔÒÙÙØMŠÁÓWWÁÚU ÚMŠŒVŒJÞÁÒÝVŒ ÔVÁÓŸÆJÏÎÈ

Owner/Manager: ŠŒÝÁÔU WÞ VŸ

Owner/Manager: WÞSÞUY Þ

uthern Coastal Bluff Scrub			
		Element C	ode: ÔVVHFG€€ÔŒ
Status —	ND	DB Element Ranks ————————————————————————————————————	Other Lists
Federal: þ[}^		Global: ÕF	
State: Þ[} ^		State: ÙFÈ	
— Habitat Associations —			
General:			
Micro:			
Occurrence No. GH	Map Index: FÏ €Í H	EO Index: JÎ €J	Dates Last Seen
Occ Rank: W}\}[,}			Element: FJJ€EJEF
Origin: Þæcĭ¦æ∰D≫æcãç∕			Site: FJJ€ËEJËEF
Presence: Ú¦^•ˇ{ ^åÁÒ¢	œ) c		Record Last Updated: FJJÌ ĒĒĒH
Trend: W ₃ \}[,}			Record Last Opdated: FJJI E EH
Quad Summary: Ùæ) ÁÚ^ål[ÁÇH	HFFÌÎHBEÏHOEDÂÜ^å[}å[ÁÓ^æ&@ÁÇH	FFÌÏIB€J€ÔD	
County Summary: Š[• ÁŒ; * ^ ^•			
Lat/Long: ⊢HĒÍÍFÍÓÁÐÁ	FFÌ È FÍ GJó		Township: €Í Ù
UTM: Z[}^ËFÁ⊳HÏ	HÍJ∰ÍÁÐHÍÌJGG		Range: FÍ Y
Area:		Mapping Precision PUP ĖŪÚÒÔ Ø Ô	Section: ÝÝ Qtr: ÝÝ
Elevation: I €Ác		Symbol Type:ÚUŠŸÕUÞ	Meridian: Ù
Location: ÓŠWØØÙÁJØÁ	ÚŒŠUÙÁKÒÜÖÖÙÁÚÒÞŒPÙWŠŒÁØÜL	JTÁTOLŠOLŐ OZÁOUXÒÁVUÁ ÔOLÓ ÜGŠŠUÁ Ó ÒOLÓ PÈ	
Location Detail:ŒŠUÞÕÁÓŠW ÖŴVWŰÓŒÞ		ÒÖQQS/ÒÁÔUCEÙVLÁÖQÙVÜQÓWWQJÞÁÚCS/ÔPŸÁYQYP	Q¢ÁÓUWÞÖÒÖÁQEÜÒQÐÖWÒÁVUÁÖÒXÒŠUÚTÒÞVÁQÐÞ
Ecological: ÞŒVŒÒÁÙÚÚ. UÚWÞVŒÆÙÚ	Á ÞÓ ŠWÖ Ó ÁÜPWÙ Á ÞVÒ Ő Ü GÖYU ŠODÉÐ Ú ÉÉÐ Ü GU Ó UÞWT Á Ô GÞO Ü ÓWT ÉÐ W	Ô ÞÔ Ò ŠODERÓ CIÉNÓU ÔUT CHÁT Ó ÞZOÐ Ù OÐES Ý Ô ONT ÁÐ C Ö SÕ Ý CHÉK CÚ ÞÞÚLÁY BÐU Y ÖÜ ÁÚU Ü VOU ÞÚÁU BÁÚSU I	BŠOQUÜÞOÔGBÁGUÜÓJŠÒÝÆŠÒÞVOQUÜTOÙBÁQUTÖÖÜ ÚÒÙBÁJWOBÒÖGRÁOSKOQUÜÞODGBÉFÍEJ€Á ÁÖUXÒÜÈ
Threat: ÖÒXÒŠUÚT Ò	OÞVÁÐÐÐÖÁÖÐÌVWÜÓÐÐÔÒÁÐÐÌÙUÔO	QEVÒÖÁY QYPÁÜÒÔÜÒŒVQUÞÉKQeXŒÙQXÒÁÒÝUVQÔÙI	È
	Ú TEOÔ ÕÓ XEO / ADO Ú DÓBX U ÕEDO	ÞŐÁ/PÒÁJÒÞŒÞÙMŠŒÆSŒŰŐÒÁJUÜVQUÞÙÁ/QYP, ÞÞŒMÜŒŠ´ÔUTT′ÓŒÔSŐÜUMÞÖÈRÈJÚÁ/UÁÞV	ÁTR X CTEÚC (X Ò Á Ô Ý U VOÔU ĐẦU Ò Ò Ò Ü Ú Ü Ò VÁTRE Ö ÁTRÉ Ö Ü Ò Ù ÚÁ/P Ò ÁÚ Ü Ò Ù Ò Þ Ô Ò ÁU Ø ÁÜ CI

Sternula antillarum browni Ôæţã{ |}ãæq\^æ•o\&^|} Element Code: ŒÓÞÞT €Ì F€H Status **NDDB Element Ranks** Other Lists Federal: Ò} åæ) * ^ ¦ ^ å Global: ÕI VGVHÛ **CDFG Status:** State: Ò} åæ) * ^ ¦ ^ å State: ÙGÙH **Habitat Associations** General: ÞÒÙVÙÁŒSUÞŐÁ/PÒÁÔUŒÙVÁŒUUT ÂŬŒÞÆÜŒÞÔÒJÔUÁOŒŸÁĴUWVPÁ/UÁÞUÜVPÒÜÞÁÓŒRŒÓŒŠŒŒUÜÞŒŒ EO Index: GÍJÍ Dates Last Seen Occurrence No. FÎ Map Index: €G€€Í Element: FJÌÍËEÏËHF Occ Rank: Þ[]^ Site: FJÌÏËÝÝËÝÝ Origin: Þæč¦æÐÞææãç^Á;&&`;¦^}&^ Presence: Ò¢cã] æc^å Record Last Updated: FJJÌ ËF€ËŒ Trend: W}\}[,} County Summary: ŠI • ÁOB * ^ |^• Lat/Long: HHĒÍ€ÍÏóÁÐĀĒFÌÈGÍÍ€Ìó Township: €ÍÙ UTM: Z[}^ËFÁÞHĬHÍGŒĨÁÒHÌHĬÍI Range: FHY Radius: FĐÁ 4^ Mapping Precision PUPEUÓÔ ®® Section: €J Qtr: ÝÝ Symbol Type:ÚU ௸ ∨ Meridian: Ù Elevation: Í Ác $\textbf{Location: } \ddot{\textbf{U}}\dot{\textbf{O}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{X}}\ddot{\textbf{O}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{O}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}\dot{\textbf{X}}\dot{\textbf{U}}\dot{\textbf{X}}$ Ecological: ÙQYÒÁ>UY ÁŒÚŒÜSŒÕÁŒÜÒŒÆUUÜÁŒ ÚUÜVÒÖÁÔŒÜÙÈ Threat: ŠŒĐÖØŚŠÁBÁÖÜŒĎΦŌÁÖŴÜWÚVÒÖÁÔUŠUÞŸÁÐÁFJÏ HÁBÁÍ LĚŒĬĊŒÁÚŒKÒÖÁÆJÁŒÁŰŒĞÇŌÁSUVÁÜÜŴÜÁVÁFJÌ ÏÁÌĊŒÌUÞÆAÔUŠUÞŸÁÐÁFJÏ HÁBÁÍ LĚŒĬĊŒÁÚŒKÒÖÁÆJÁŒÁÚŒĬSΦŌÁSUVÁÜÜŴÜÁVÁFJÌ ÏÁÌĊŒÌUÞÆAÔUŠUÞŸÁÐÝVŴÚŒYÒÖÈ General: FJÍIHFEETGÁÚÚLÁFJÍÍMÁG ÁÚÚLÁFJÍÍMÁG ÁÚÚLÁFJÍÍMÁG ÁRÓSÓÖÖÓÁÁÍÁÞÓÚVÚÁÐAFJÍIMÁG ÁRÓSÓÖÖÓÓÁÁÍÁRÓSÓÖÖÓÓÁÁÍÁÞÓÚVÚÁÐAFJÁ FJÍHÁBŐUUÖÁRÓSÓÖÖÐFÖÁGÁÁÞÓÚVÚÁÐAFJÁIHÁTUÚVÁFUNÞÖÁSUÚVÁUÁSÓÚVÚÓSÁBÁHÁÞÓÚVÚLÁÐÁFJÍÍÉ Owner/Manager: ÚXV Map Index: €G€€ EO Index: GÎÎÏ - Dates Last Seen Occurrence No. Î H Element: FJJΠˀÌ Ë€F Occ Rank: W}\}[,} Site: FJJΠˀÌ Ë€F Origin: Þæč¦æÐÞæãc^Á&&;¦¦^}&^ Presence: Ú¦^• * { ^å/Ô¢œ} c Record Last Updated: FJJÌ #F€#3€ Trend: Q&^æa* Quad Summary: Ùæ) ÁÚ^å¦[ÁÇHFFÌ Î HĐEÏ HŒĐÊ[} } * ÁÓ^æ&@ÁÇHFFÌ Ï ŒĐÈ JÔD County Summary: Lat/Long: HHË HÌ Î GÓÁÐÁFFÌ ÌEÍ GÍ Ì ó Township: JJÝ UTM: Z[}^ËFÁÞHÏHHÌÏJÁÒHÌHJÏ€ Range: JJÝ Radius: FÐÁ ð^ Mapping Precision ÞU ÞËÙÚÒÔŒÔ Section: ÝÝ Qtr: ÝÝ Symbol Type:ÚU ௸ ∨ Meridian: Ù Flevation: Location: VÒÜT Φ'OŚÁŌŚCŒ ÖÆŚCĒ ÖÆŚŠÁŪQ'ÒÁJUWVPÁJÆÆÖÜÜŸÁJVÜÒÒVÆÄÖŒJVÁJØÁÖCĒJVÁJØÁÖCĒJVÁJØÁÖCĒJVÁJØÓCĒ Ecological: ÙQYÒÁÔÜÒŒYÒÖÁÓŸÁŒVÜUÖWÔVQJÞÁJØÁÞÒY ÆSŒÞÖØŠŠÁŒÁÆÓÚWWÆJÌ€È General: FJÌ GÁL $\stackrel{c}{\sim}$ ÔÙVÙĠÁTÍ ÁZŠÖŐÖLÁFJÌ HÁLÍ ÁÞÔÙVÙĠÁHEÁZŠÖÖÖLÁFJÌ I KÁTÉ ÁÞÔÙVÙĠÁÐUUÖÁZŠÖÖÞÖLÁFJÌ Í KÁLÎ ÁÐÔÙVÙĠÓUUÖÁZŠÖÖÞÖLÁFJÌ Ï KÁLEÁZÜUĠÁUUUÜ ØŠÖÖÞÖĠÁJJÐÁHCÁŰÜĠÁGÁZŠÖÖÖĞÁFJJFKÁGÁÜÜĠÁFJJGÁKÁŰÜĠÁFJJGÁKÁŰÜĠÁFÁZŠÖÖÖÖÈ Owner/Manager: ÖUÖË>ŒXŸ Occurrence No. I ì Map Index: €FJI G EO Index: FI FJ Dates Last Seen Element: FJÏÏË⊞ Ë⊞H Occ Rank: W}\}[,} Site: FJÏÏËEÌËEH Origin: Þæðilæð Bræðaç^Át&&`ll^}&^ Presence: Ú¦^• * { ^å/Ô¢æ} c Record Last Updated: FJJÌ ËF€ËŒ Trend: W}\}[,} Quad Summary: V[;;a) &^ÁÇ++FFÌ Ï HB€J€ÖD County Summary: Š[• ÁO; *^|^• Lat/Long: HHEIIIII 6/40/AEFIEGIGIF6 Township: € Ù UTM: Z[}^ËFÁÞHÏHJFÎGÁÐHÌ€HFÌ Range: FHY Area: ÍÍÈÉÁs&¦^∙ Mapping PrecisionÙÚÒÔŒÔ Section: HF Qtr: ÝÝ Elevation: H€Ác Symbol Type:ÚUŠŸÕUÞ Meridian: Ù Location: POEÜÓUÜÁŠOES ÒÁD ÁPOEÜÓUÜÁÚOEÜS È Location Detail: ÓÜJÖÙÁNÙÒÁ/PÒÁT WÖØŠŒ/ÙÁŒŠUÞŐÁ/PÒÁÙPUÜÒŠŒ ÒÈ ŒÙÁ/PÒÁŸUWÞŐÁŒÜÒÁŒÓŠÒÁ/UÁØŠŸÈ Threat: PWT Œ ÁÖÛ VWÜ ÓŒ ÔÒÈ U Ó Ù Ò Ü X Ò Ö Á HÁŒ NÕ ÁFJÏÏÈ Owner/Manager: ÔQ/ŸÁJØÆSUÙÁŒĐÕÒŠÒÙ

Owner/Manager: WÞSÞUY Þ

^∙čæl^Ár^æàljãn^			ode: ÚÖÔPÒ€Ú€Ö€	
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General: TÒŒÜUY ÙÁŒPÖÁÙÒ ÕÜŒÙÙŠŒPÖÈ	JÒÚÙÉAT CEÜÙPÒÙÁCEÞÖÁUY CET ÚÙÉAÔ	UCEÙVCIŠÁÙÔÜWÓÉÁÔOÙTUÞVCEÞÒÁYUUÖŠCEÞÖÉÉŠU`	YÒÜÁTUÞVŒÞÒÁÔUÞŒOÒÜUW	NÙÁØU ÜÒÙVÊ
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Ecological: ÖÜŸÁÓUVV	UT AUØAUSUWOPE			

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Elevation: Í €Ác		Symbol Type:ÚUŠŸÕUÞ	Meridian: Ù
Location: ÙŒÞÁÚÒÖ			
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Owner/Manager: WPSPUY Occurrence No. I G		EO Index : ÌÎFJI	— Dates Last Seen —
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Occurrence No. I G Occ Rank: Wi \] [, } Origin: 戶處: [過學] Presence: Ú!^^ { ^å Trend: Wi \] [, } Quad Summary: V[過 & Â County Summary: Š(^Â玩 *^	MapIndex: ÌÍFÏÍ (^Á[88″: ^^)8^ ÀÖ¢œe)c [}HFFÌÏHBEJ€ÖD	EO Index: ÌÎFJI	Element: G€€Î ÊFGÊEÎ Site: G€€Î ÊFGÊEÎ
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Location Detail: ÞU ÁÞP ØUÜT Œ/ŒJÞÁÖCKÓÞÁŒÓUWÁY PÒÜÒÁ/PÒÁJÞŒŠÚÁY ÖÜÒÁÐÚŠŠÖÓVÒÖÁJÞÁSÞUŠŠÁPŒŠŠÁTŒJÚÓÖÁ/UÁSÞUŠŠÁPŒŠŠÁÐŒŠŠÁÓWÁJÜUӌӊŸ ÔUŠŠÒÓVÒÖÁÐÜUT ÁWÜÞÐP ÖÁŒÐÐPÁJØÁSUÚÁÐÞÖÓSÖÙÁPŒÐÓUÜÈ

Ecological: ÞUÁJÓXQUWÙÁJWQYCÓŚÒÆYCÓYQCÐÁJÞÁSÞUŠŠÁKQÍĞÁKQIQÓŠÒÁPÁRÐÜQŒŠÁJPUVUÙÐÁÚUÙÙQÓŚÒÁÐUŠŠÒÔVQUÞÁJQÓÁQÍÁPÒÆYCÚÓUÜÁÞŠÒVÁJÞÁSÞUŠŠ ÖÜQKÒÁPYÁJØÁSÞUŠŠÁPGÍSÉÐRÓÐPŠÝÁÞÖWÚVÜQQSÁZÒÖÆYCÚÓUÜÁÓCÚÞQÈ

Threat: VPÒÜÒÁÐÁÐÁJØØËŠÒŒŁPÄÖUŐÁJŒĽSÁŒÐÖÁŒŮGÆŠÁIPUVUÙÁJPUY ÁHÁOŒŁÒÓŒŠŠÄÖŒET UÞÖÙÁJÞÁSÞUŠŠÁPŒŠŠ

Owner/Manager: ÔQ/ŸÁJØÆSUÙÁŒĐÕÒŠÒÙ

Appendix C2 Photographs of Vegetation on the Project Site

Appendix C2. Photographs of Terrestrial Habitat at the Proposed Project Site

All plants were located in the vicinity of the YTI Administration Building. Photos were taken in June 2013.



Photo 1. Indian laurel (Ficus microcarpa) trees.



Photo 2. Ornamental landscaping.



Photo 3. Indian hawthorn (*Rhaphiolepis indica*) hedge.



Photo 4. Queen palm (*Syagurus romanzoffianum*) and ornamental landscaping.



Photo 5. Indian laurel (Ficus microcarpa) trees.



Photo 6. Indian laurel (*Ficus microcarpa*) tree and ornamental hedge.

Appendix C3 Essential Fish Habitat Assessment

BERTHS 212-224 (YTI) CONTAINER TERMINAL IMPROVEMENTS PROJECT



April 19, 2014

EFH Assessment

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BERTHS 212-224 (YTI) CONTAINER TERMINAL IMPROVEMENTS PROJECT



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Lists of EFH Species

- Coastal Pelagic Species
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EXECUTIVE SUMMARY

The proposed Project would improve marine shipping and commerce at the existing Yusen Terminals Inc. (YTI) container terminal located at Berths 212-224 on Terminal Island within Los Angeles Harbor. Essential Fish Habitat (EFH) is managed under the Magnuson-Stevens Fishery Conservation and Management Act, which is designed to protect waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity. This EFH Assessment was prepared pursuant to the Magnuson-Stevens Act to analyze potential impacts to federally managed fish and invertebrates from construction and operation of the proposed Project.

The primary project elements that could affect the marine environment, including EFH, include:

- Dredging and disposal of approximately 27,000 cy of sediment,
- Installation of king piles and approximately 2,600 linear feet of sheet piles to stabilize the wharf, and
- Operating the terminal until 2026.

Three alternatives to the proposed Project are also considered. There is no dredging or installation of piles proposed for Alternatives 1 and 2; therefore, potential impacts to EFH would only be related to runoff from the terminal and future vessel operations. Alternative 3 would include dredging and disposing of approximately 6,000 cy of sediment from Berths 217-220, and installing approximately 1,200 linear feet of sheet piles.

Impacts during construction would be localized and temporary. Potential impacts from dredging, pile installation, construction runoff, accidental spills, and shading would be less than significant. No habitat loss would occur. Acoustic impacts from pile driving could result in adverse effects to fish species in the construction area. However, due to the limited potential impact area, this is not considered a substantial disruption. Additionally, with implementation of Mitigation Measure BIO-1, the pile-driving would initiate with a soft start, which would minimize potential impacts to fish and marine mammals, as they would likely leave the area as pile driving commenced. This mitigation measure would also include the establishment of a 300-meter safety zone around pile driving operations that would be monitored by observers. If marine mammals are observed within the zone prior to commencement of pile driving, the observer would require the pile driving to cease. Avoidance of the area by aquatic species including federally managed species would be temporary; pile driving would occur intermittently over an approximately 10-month period, and occur mostly during daylight hours. There would be no physical barriers to movement, and the baseline condition for aquatic species would be essentially unchanged. Due to the limited potential impact area and with the implementation of Mitigation Measure BIO-1, this is not considered a substantial disruption.

Potential impacts resulting from operation of the YTI Terminal include effects to water quality resulting from accidental spills and runoff, disturbance from vessel movements, and introduction of invasive species through ballast water exchange or vessel fouling. Potential impacts resulting from accidental spills, runoff, and disturbance from vessel movements would be less than significant. Impacts to EFH resulting from the introduction of invasive species are considered significant. No mitigation, beyond implementation of measures required under existing regulations, is available to fully mitigate potential impacts related to the introduction of invasive species. No feasible mitigation is currently available to totally prevent introduction of invasive species via vessel hulls or even ballast water, due to the lack of a proven technology.

INTRODUCTION

The proposed Project would improve marine shipping and commerce at the existing Yusen Terminals Inc. (YTI) container terminal located at Berths 212–224 on Terminal Island within Los Angeles Harbor (the Harbor) (Figure 1). Essential Fish Habitat (EFH) is managed under the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act), which is designed to protect waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity (Magnuson-Stevens Act, 16 U.S.C. 1801 et seq.). There are two fishery management plans (FMPs) that include waters adjacent to the proposed project site: the Coastal Pelagics FMP and the Pacific Groundfish FMP. This EFH Assessment was prepared pursuant to the Magnuson-Stevens Act to analyze potential impacts to federally managed fish species and invertebrates from construction and operation of the proposed Project.

PROJECT DESCRIPTION

The proposed Project area encompasses approximately 185 acres at Berths 212–224 on Terminal Island (**Figure 1**). A summary of the improvements that would occur at the terminal, followed by a more detailed description, include:

- Extending the height and outreach of up to six existing cranes;
- Replacing up to four existing non-operating cranes;
- Dredging and installing sheet piles and king piles at Berths 214–216 and 217–220;
- Extending the existing 100-foot gauge landside crane rail at Berths 212–216 through Berths 217–220;
- Performing ground repairs and maintenance activities in the backlands area; and
- Expanding the TICTF on-dock rail by adding a single operational rail track.

The proposed Project would be constructed in two phases over an approximately 22-month schedule, and is expected to begin in mid-2015. Phase I is expected to last approximately 12 months and consists of deepening Berths 217–220 (including installation of sheet piles), extending the 100-foot gauge crane rail, expanding the Terminal Island Container Transfer Facility (TICTF), relocation of two Port-owned cranes, relocation and realignment of two YTI cranes, delivery and installation of up to four new cranes, raising and extending up to six YTI cranes, and backland surface improvements. Phase II is expected to take approximately 10 months and involves deepening Berths 214–216 (including installation of king piles and sheet piles), and backland surface improvements. No physical changes would occur at Berths 221–224 except for paving work in the backland area. The improvements to Berths 217–220, including the extension of the 100-foot gauge crane rail, would add a new operating berth at the YTI Terminal.

The proposed improvements to Berths 214–216 include: 1) dredging to increase the depth from -45 to -53 feet Mean Lower Low Water (MLLW) (with an additional two feet of overdredge depth, for a total depth of -55 feet MLLW), and 2) installing sheet piles and king piles to accommodate the dredging activities and help to support and stabilize the existing wharf structure. Dredging would remove approximately 21,000 cubic yards (cy) of sediment from the berths. The king piles would be installed approximately 35 feet below the mudline and the sheet piles would be installed 15 feet below the mudline, and would be installed over approximately 1,400 linear feet along the berth.

The proposed improvements at Berths 217–220 would include dredging to increase the depth from -45 to -47 feet MLLW (with an additional two feet of overdredge depth, for a total depth of -49 feet MLLW). Dredging would require the removal of approximately 6,000 cy of sediment. Sheet piles would be installed approximately 15 feet below the mudline and would be installed over approximately 1,200 linear feet along the berth.



Figure 1. Location of the YTI project boundary in Los Angeles Harbor.

All of the dredged material, approximately 27,000 cubic yards, will be disposed of at an approved site, which may include the LA-2 Ocean Dredged Material Disposal Site (ODMDS), the Berths 243–245 confined disposal facility (CDF), or another approved location. A sampling and analysis program was implemented to determine suitability for any offshore disposal of material at LA-2. Effects from sediment disposal at LA-2 were evaluated under Section 404 of the CWA and Section 102 of the Marine Protection, Research and Sanctuaries Act during the site designation process (EPA 1988), and subsequently evaluated in consideration of higher maximum annual disposal volume (EPA and USACE 2005). Biological impacts due to construction and fill of the CDF were evaluated in the Final Supplemental Environmental Impact Statement / Final Supplemental Environmental Impact Report (EIS/EIR) for the Port of Los Angeles Channel Deepening Project (USACE and LAHD 2009). This evaluation included mitigation for habitat loss at the Berths 243–245 CDF.

The proposed Project would be constructed in two phases; Phase I is expected to take approximately 12 months beginning in mid-2015, and Phase II is expected to take approximately 10 months beginning in mid-2016. During Phase I of construction, Berths 212–213 and Berths 214–216 would remain in operation. During Phase II of construction, Berths 212–213 and the newly improved Berths 217–220 would be in operation. The

schedule assumes that all of the work on the cranes to be modified and replaced will take place during the 22-month construction period. It is possible that some of the cranes would not be modified or replaced until a later date.

The primary project elements that could affect the marine environment, including EFH, include:

- Dredging and disposal of approximately 27,000 cy of sediment,
- Installation of king piles and approximately 2,600 linear feet of sheet piles, and
- Operating the terminal until 2026.

Three alternatives to the proposed Project are also considered. There is no dredging or installation of piles proposed for Alternatives 1 and 2; therefore, potential impacts to EFH would only be related to runoff from the terminal and future vessel operations. Alternative 3 would include dredging and disposing of approximately 6,000 cy of sediment from Berths 217–220, and installing approximately 1,200 linear feet of king piles and sheet piles.

DESCRIPTION OF THE STUDY AREA

The site of the proposed Project is on Terminal Island in the Port of Los Angeles (**Figure 1**). The Los Angeles-Long Beach Harbor Complex (Port Complex) was historically an estuary formed at the mouth of the San Gabriel and Los Angeles Rivers with extensive mudflats and marsh areas. The natural mudflats and marshlands provided habitat for birds, fish, and invertebrates. Urbanization and development led to the construction and modifications associated with the Port Complex. Dredging, filling, channelization, and construction over the past 100 years has completely altered the local estuarine physiography. The Los Angeles River course and the harbor area are no longer true estuaries because they do not maintain significant year-round fresh water input, and the biota are not distributed along salinity gradients as in most estuarine systems.

The habitats available for plants and animals have also changed as a result of harbor modifications. Very little sandy beach, shallow subtidal, and salt marsh habitats remain. Dredge and fill activities have resulted in changes to the benthic (bottom) habitat. The placement of shoreline structures, such as bulkheads, riprap, and pier pilings, has greatly increased the hard substrate available for fouling organisms, including mussels and barnacles. The construction of the breakwaters greatly affected water movement patterns within the Port Complex, which in turn affected overall circulation and water quality.

PHYSICAL FEATURES

The Port Complex consists of Inner, Middle, and Outer Harbors. Just north of the breakwaters, the Outer Harbors consist of deeper, open water habitat, and channels that lead to basins and slips in the Middle and Inner Harbors. The channels, basins, and slips vary in size and distance from the harbor entrances. In Los Angeles Harbor, the navigation channels were recently dredged to -53 ft.

During the mid-1900s, three breakwaters (i.e., San Pedro, Middle, and Long Beach) were constructed to protect the harbors from damaging wave action. Combined, these structures are also referred to as the Federal Breakwater. From the mid-1900s on, the development of the Port Complex continued with a series of dredge and fill operations to deepen channels and accommodate deep draft vessels, and provide fill for additional shoreline areas necessary for terminal development.

Los Angeles Harbor is the number one port by container volume and cargo value in the United States, handling 7.9 million TEUs (twenty-foot equivalent units) in calendar year 2011. In addition, the Harbor provides berthing for cruise ships, sportfishing vessels, commercial fishing vessels, pleasure boats, and Harbor support vessels. The physical size of the Harbor, diversity of Harbor uses, and ongoing upgrade and development projects results in continuous Harbor modifications. Thus, Harbor waters are subjected to continuous vessel traffic and periodic construction or modification, such as dredging and filling. A recent baseline hydroacoustic study in Cerritos Channel (in both Los Angeles and Long Beach Harbors) recorded L₉₀ values (sound levels that were

exceeded 90% of the time during the measurement period) of 120 to 132 decibels (dB) (Tetra Tech 2011). By comparison, ambient underwater noise in the open ocean has been estimated at 74 to 100 dBPEAK on the central California coast.

Water Quality Parameters

Waters within the Port Complex are primarily marine (saline), though there are fresh water inputs from regulated discharges, urban runoff, and flows from Dominguez Channel and the Los Angeles River. The following is a summary of water quality parameters measured during monthly sampling between January and December 2012 at three stations off the YTI Terminal (LAHD 2013):

- Mean station temperatures ranged from 16.1°C to 16.3°C (61°F), with a range throughout the water column from 12.0°C to 20.2°C (54°F to 68°F);
- Salinity values ranged between 32.4 and 33.9 practical salinity units (psu), which is essentially
 equivalent to parts per thousand (ppt) in southern California;
- Dissolved oxygen (DO) concentrations ranged from 3.8 to 8.5 mg/L, with mean values at each station between 5.7 and 5.9 mg/L;
- Mean station pH ranged narrowly from 8.17 to 8.21, with a maximum range between 7.38 and 8.91 units; and
- Mean turbidity at the three stations ranged between 1.3 and 1.8 Nephelometric Turbidity Units (NTUs), with a range throughout the water column between 0.3 and 8.7 NTUs.

Tides and Currents

Tides in southern California are classified as mixed, semi-diurnal, with two unequal high tides (lower high water and higher high water) and two unequal low tides (higher low water and lower low water) each lunar day (approximately 24.5 hr). Since 2003, the highest tide measured at the Los Angeles Harbor tide station (NOAA No. 9410660) is +7.92 feet (+2.41 meters) MLLW, measured in January 2005, and the lowest was -2.34 feet (-0.71 meters) MLLW, measured in January 2009 (NOAA 2013).

To better understand circulation patterns and watershed inputs into the Port Complex, the Ports undertook a program to develop a hydrodynamic and water quality model for the Port Complex to improve their predictions of the effectiveness of current and future control measures (the WRAP Model) (POLA and POLB 2009). Circulation patterns are established and maintained by tidal currents. Flood tides in the Port Complex flow into the Harbor and up the channels, while ebb tides flow down the channels and out of the Harbor (POLA and POLB 2009). The Port Complex is protected from incoming waves by the Federal Breakwater. In addition to protecting the ports from waves, the Federal Breakwater reduces the exchange of the water between the Port Complex and the rest of San Pedro Bay, hence creating unique tidal circulation patterns. Modeled current direction and velocity throughout the Port Complex during both ebb and flood tides is summarized in **Figure 2**.

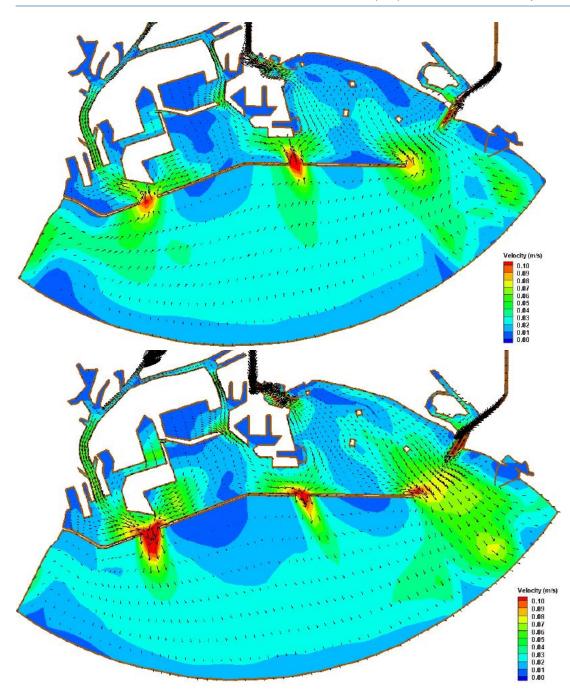


Figure 2. Current patterns in Los Angeles and Long Beach Harbors predicted by the WRAP Model (POLA and POLB 2009). Top: Typical flood tide currents. Bottom: Typical ebb tide currents.

Sediment Characterization

A sediment characterization study was performed at Berths 212–224 in 2013 to determine the suitability of sediments from the proposed dredge footprint for unconfined aquatic disposal (AMEC 2013). Sediments were collected and tested using standard EPA/USACE protocols according to an approved Sampling and Analysis Plan. Eight core samples were collected within the proposed dredge footprint and combined into to two samples (Composite Areas A and B) (**Figure 3**).



Figure 3. Sediment sampling stations and composite areas (AMEC 2013).

Testing indicated that sediment contaminant levels from the dredge footprint were relatively low, with only a few minor exceedances of "Effects Range-Low" (ERL) levels, concentrations above which effects to biota could occasionally occur. No concentrations exceeded "Effects Range-Median" (ERM) levels that represent a probable effects range within which effects to biota could frequently occur. In addition to chemical analysis, toxicity testing on sediments from the two composites showed no statistically or ecologically significant effects, while tissue bioaccumulation results were well below U.S. Food and Drug Administration action levels and the levels of concern reported in the Environmental Residue Effects Database.

The majority of sediments within the Berths 212–224 footprint complied with the chemistry, toxicity, and bioaccumulation suitability requirements for ocean disposal (Title 40 Code of Federal Regulations [CFR] Parts 220–228). Concentrations of most metals and PCBs, when detected, were higher in Composite Area A than in Area B. After review of the results, sediments from the bottom portion of Composite Area A were tested for sediment metals, polycyclic aromatic hydrocarbons (PAHs), chlorinated pesticides, pyrethroids, and polychlorinated biphenyls (PCBs). Results from this second phase of testing indicated generally lower levels of sediment contaminants, suggesting the higher levels were associated with unconsolidated surface (top-layer) sediments of Composite Area A (AMEC 2014). Therefore, the majority of dredged material (21,800 cubic yards) would be suitable for placement at the LA-2 ODMDS, and approximately two feet of surface sediments from Composite Area A (5,200 cubic yards) would be placed within the Berth 243–245 CDF.

Habitats of the Port Complex

The following sections describe the aquatic biological habitats and communities in the vicinity of the proposed project. The habitats available for plants and animals within the Port Complex have changed through time as a result of harbor modifications. Very little sandy beach and shallow subtidal habitats remain, and salt marsh habitat is essentially absent within the Port Complex. Dredge and fill activities have resulted in ongoing changes to the seafloor throughout the Port Complex. During Biological Baseline Studies of the Port complex conducted in 2000, sediments in the channel off Berth 212 were primarily silt (58 percent) and sand (23 percent) with a mean grain size of 33 μ m (MEC and Associates, 2002). During the 2013 sediment characterization study, sediments in Composite Area A were mostly silt/clay (97 percent) with a mean grain size was slightly larger 33 μ m (AMEC 2013).

Giant kelp (*Macrocystis pyrifera*) distribution in the Port Complex is limited to the outer breakwaters, and riprap structures in the Outer Harbors that face harbor entrances (SAIC, 2010). The placement of shoreline structures, such as bulkheads, riprap, and pier pilings, has greatly increased the hard substrate available for algae and sessile organisms, including mussels and barnacles. The construction of the breakwaters greatly affected water movement patterns within the Port Complex, which in turn affected overall circulation and water quality. Eelgrass (*Zostera marina*) occurs in a few places in Los Angeles Harbor (Cabrillo and Pier 300). Surveys of the Port Complex in 2000 and 2008 documented eelgrass beds along Cabrillo Beach and in three areas near Pier 300: the Seaplane Lagoon, a mitigation site at the Shallow Water Habitat, and on the northeastern side of Pier 300 (MEC and Associates, 2002; SAIC, 2010).

Pilings that support piers and wharves are prevalent along the edges of harbor channels. Many fish species are attracted to structures, such as surfperches and some rockfishes. Pier pilings support intertidal/subtidal invertebrate communities, such as algae, barnacles, and mussels that are fed upon by fishes and other invertebrates. Riprap provides similar habitat as natural reefs. As with pier pilings, riprap supports diverse invertebrate communities, but also provides habitat, shelter, and forage opportunities for fishes.

The role as a nursery grounds for juveniles of coastal fish species is probably the most widely recognized and accepted function of bays and estuaries (Allen et al., 2006). In southern California, harbors provide nearshore habitats that supplement, but do not adequately replace, the habitats of natural bays and estuaries (Cross and Allen 1993). The subtidal areas of the Port Complex provide several habitat types that support a diverse and abundant fish community. MEC and Associates (2002) found that juvenile white croaker (*Genyonemus lineatus*) prefer deepwater basins and slips within the Port Complex, although a greater variety of fish, such as bat rays (*Myliobatis californica*), California halibut (*Paralichthys californicus*), diamond turbot (*Pleuronichthys*)

guttulatus), queenfish (Seriphus politus), and topsmelt (Atherinops affinis) use the shallow waters of the harbors as nursery grounds.

Several features of bays and estuaries may be important to settling species, such as California halibut, including warmer water temperatures, decreased turbulence, finer sediments, and different biological communities compared with those on the open coast. MBC (1991) determined densities of recently settled California halibut in southern California increased with decreasing depth. The semi-protected waters of Queensway Bay and Outer Harbors are also important habitats for juvenile fishes and invertebrates. Recently transformed cheekspot goby (*Ilypnus gilberti*), California tonguefish (*Symphurus atricaudus*), white croaker, and queenfish were the most abundant juvenile fishes collected in seasonal surveys of Queensway Bay using beam trawls in 1990, 1991 and 1994 (MBC 1994).

FISH AND INVERTEBRATE COMMUNITIES

Fish Diversity

The 2000 Biological Baseline Study (MEC and Associates 2002), the Biological Surveys of 2008 (SAIC 2010), as well as long-term monitoring data from West Basin in Los Angeles Harbor (MBC 2013) have documented a fish community that appears to have changed little in decades. The 2000 and 2008 surveys used several gear types to adequately characterize different habitat types within the Port Complex. The long-term trawl surveys in Los Angeles and Long Beach Harbor used otter trawls, which target demersal (epibenthic) fish and invertebrates. In various biological studies, more than 130 fish species have been collected within the Port Complex, with 60 to 70 of those species commonly occurring (MEC 1988; MEC and Associates 2002; SAIC, 2010).

Ichthyoplankton

A comprehensive, year-long study of the ichthyoplankton (fish eggs and larvae) of the Port Complex was performed from January through December 2006 (MBC et al. 2007). The study also analyzed the abundance and distribution following larval shellfish taxa: crab megalopa, market squid (*Doryteuthis opalescens*) paralarvae, and California spiny lobster (*Panulirus interruptus*) phyllosoma (one of the larval stages of spiny lobster). As part of this study, one station in Inner Los Angeles Harbor (the entrainment station) was sampled weekly, and a total of six source water stations positioned throughout the Port Complex were sampled monthly (**Figure 4**).

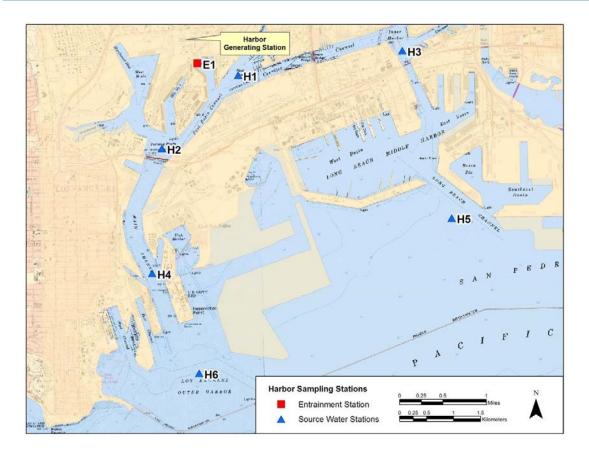


Figure 4. Entrainment and source water stations sampled January-December 2006. From: MBC et al. [2007]).

A total of 8,692 larval fishes representing 48 taxa were collected from entrainment Station E1 (in Inner Los Angeles Harbor) during 26 surveys in 2006. In addition, 14,845 fish eggs from 10 taxa were enumerated in the entrainment samples. Unidentified gobies (*Clevelandia, Ilypnus*, and *Quietula* [CIQ] goby complex), yellowfin goby (*Acanthogobius flavimanus*), white croaker, and bay goby (*Lepidogobius lepidus*) were the four most abundant taxa comprising nearly 90 percent of the specimens collected. Nearly 50 percent of the fish eggs could not be identified to species. Larval abundance peaked in March 2006 and was lowest in September, while fish eggs were most abundant in February 2006. Fish larvae were generally more abundant at night than during the daytime, but there was less of a diel difference with fish eggs.

A total of 14,025 larval fishes representing 72 taxa were collected from the six source water stations (Stations H1-H6) in the Port Complex during 12 monthly surveys in 2006 (MBC et al. 2007). White croaker, combtooth blennies (*Hypsoblennius* spp.), unidentified gobies (CIQ goby complex), anchovies (Engraulidae), bay goby, unidentified croakers (Sciaenidae) and yellowfin goby were the most abundant taxa and comprised nearly 90 percent of all specimens collected. The greatest concentrations of larval fishes occurred during May 2006 and the fewest in November 2006.

Three ichthyoplankton surveys were conducted at stations throughout the Port Complex in February, April, and July 2008 (SAIC 2010). A total of 71 different larval taxa were identified during the study, and the most abundant taxa were CIQ gobies (45 percent), combtooth blennies (34 percent), bay goby (9 percent), and clingfishes (Gobiesocidae; 3 percent). Overall, densities were lowest in surface waters (38.9 larvae per 100 m³), and higher in the epibenthos (134 larvae per 100 m³) and midwater (139 larvae per 100 m³). The average weighted mean larval abundance was highest in shallow Outer Harbor areas (1,523 larvae per 100 m²), lowest in the deeper Outer Harbor areas (1,157 larvae per 100 m²), and intermediate in Inner Harbor areas (1,297

larvae per 100 m²). Larval density was substantially higher in July (2,889 larvae per 100 m²) than in February or April (566 and 426 larvae per 100 m², respectively).

Juvenile and Adult Fishes

MEC and Associates (2002) found little variability in the abundance of pelagic, schooling fishes, between the Inner and Outer Harbor areas of the Port Complex. In contrast, deepwater habitats of the Outer and Middle Harbors generally had greater number, biomass, and diversity of demersal fishes than Inner Harbor areas. However, species diversity was generally consistent throughout the year. In 2000, a total of 76 taxa representing 74 unique species were collected from the Port Complex using a combination of gear types designed to capture demersal, pelagic, and schooling fishes. Non-indigenous species comprised about 15 percent of the invertebrate species that inhabit the Port Complex. The most abundant fish species in the Port Complex, in order of decreasing abundance, were northern anchovy (*Engraulis mordax*), white croaker, queenfish, Pacific sardine (*Sardinops sagax*), topsmelt, specklefin midshipman (*Porichthys myriaster*), and California tonguefish.

Consistent with the 2000 studies, there was little variability in the abundance of pelagic fishes between Inner and Outer Harbor areas in 2008, and this was attributed to the highly mobile nature of most pelagic fishes (SAIC 2010). There were also no apparent spatial patterns in the demersal fishes. A total of 62 taxa representing at least 58 species were collected using multiple gear types in 2008. More species were collected with otter trawl (62) than with lampara (20) or beach seine (at least 8) in 2008. The lampara catch was highest in January, and the trawl catch was highest in July. Shallow water fishes sampled by beach seine were most abundant at Pier 300 in April and July, but at Cabrillo Beach abundance peaked in January.

Long-term surveys of demersal fishes and invertebrates have been conducted in the West Basin of Los Angeles Harbor (MBC 2013). At least 44 species of fishes have been collected since 1978, although only about 15 species are collected annually on average. Abundance has been dominated by white croaker, northern anchovy, bay goby, and queenfish, which combined account for nearly 94 percent of the long-term abundance. The most abundant fish species collected in 2013 included California lizardfish (*Synodus lucioceps*; 40 percent of the total), yellowchin sculpin (*Icelinus quadriseriatus*; 24 percent), spotted sand bass (*Paralabrax maculatofasciatus*; 14 percent), and white croaker (9 percent).

Invertebrate Diversity

Planktonic Invertebrates

A total of 2,262 larval target shellfishes (late-stage larvae of crabs, spiny lobsters, and market squid) representing 16 taxa were collected at the HGS entrainment station (Station E1) during 26 bi-weekly surveys in 2006 (**Figure 3**; MBC et al. 2007). The highest concentrations were collected in May 2006. The megalops stage of kelp crabs (*Pugettia* spp.), spider crabs (Majidae), and pea crabs (*Pinnixa* spp.) comprised over 90 percent of all specimens collected. Advanced larvae of species with commercial fishery value (i.e., cancer crabs [Cancridae], California spiny lobster, and market squid) each comprised less than 1 percent of the target shellfish collection.

A total of 6,942 larval target shellfishes representing 20 taxa (combined species designations) were collected from the six source water stations (Stations H1-H6) in the Port Complex during 12 monthly surveys in 2006 (**Figure 3**; MBC et al. 2007). The highest concentrations were collected during the May 2006 survey. Megalops of kelp crabs, pea crabs, spider crabs, unidentified megalops, California spiny lobster, and cancer crabs were the most abundant taxa and comprised over 90 percent of all specimens collected.

Juvenile/Adult Invertebrates

During the biological baseline surveys of 2000, a total of 63 epibenthic macroinvertebrate taxa representing 61 unique species were collected throughout the Port Complex (MEC and Associates 2002). Five species comprised 95 percent of total abundance: blackspotted bay shrimp (*Crangon nigromaculata*; 51 percent), tuberculate pear crab (*Pyromaia tuberculata*; 28 percent), Xantus swimming crab (*Portunus xantusii*; 10

percent), New Zealand bubble snail (*Philine auriformis*; 5 percent), and spotwrist hermit crab (*Pagurus spilocarpus*; 1 percent). On average, mean abundance was higher at deep-water stations than at shallow stations, and abundance and species richness were significantly greater in winter (February) than in any other season.

In 2008, at total of 61 epibenthic macroinvertebrate taxa were collected throughout the Port Complex (SAIC 2010). Five species accounted for 86 percent of total abundance: blackspotted bay shrimp (38 percent), ridgeback rock shrimp (*Sicyonia ingentis*; 16 percent), blacktail bay shrimp (*Crangon nigricauda*; 14 percent), Xantus swimming crab (11 percent), and unidentified shrimp (*Heptacarpus* spp.; 8 percent). No apparent patterns in the spatial or depth distributions of invertebrates were identified during the study, although Xantus swimming crab was generally more abundant in shallower habitats. Three of the five most abundant taxa were collected at every station. Abundance was higher in the winter and spring surveys than in summer.

In West Basin of Los Angeles Harbor, trawl-caught invertebrate abundance since 1978 has been dominated by bay shrimp (*Crangon* spp.; 53 percent), tuberculate pear crab (7 percent), New Zealand bubble snail (2 percent), and yellow crab (*Metacarcinus anthonyi*; <1 percent). The most abundant macroinvertebrates collected in 2013 included blackspotted bay shrimp (23 percent), Alaska bay shrimp (*Crangon alaskensis*; 20 percent) and target shrimp (*Sicyonia penicillata*) (MBC 2013).

Protected Species

Some fish and invertebrate species (e.g., abalone) in southern California are protected under California Department of Fish and Wildlife (CDFW) regulations, although few marine species are listed as either threatened or endangered. Special-status fish species that could occur in Los Angeles Harbor include garibaldi (*Hypsypops rubicundus*) and California grunion (*Leuresthes tenuis*); habitat in the Port Complex is unsuitable for the endangered tidewater goby (*Eucyclogobius newberryi*).

Garibaldi, designated as the California state marine fish, is a bright orange shallow-water species that is relatively common around natural and artificial rock reefs in southern California. Because of its territorial behavior it is an easy target for fishers and could be significantly depleted if not protected. Garibaldi spawn from March through October, and the female deposits demersal adhesive eggs in a nest that may contain up to 190,000 eggs deposited by several females (Fitch and Lavenberg 1975). Larval duration ranges 18–22 days (mean of 20 days) based on daily incremental marks on otoliths in recently settled individuals (Wellington and Victor 1989). Garibaldi larvae were collected in the Long Beach Outer Harbor and in Fish Harbor in 2008 (SAIC 2010).

California grunion is a species with special status not because the population is threatened or endangered, but because their spring-summer spawning activities on southern California beaches put them at risk of overharvesting, and CDFW actively manages the fishery to ensure sustainability. Spawning occurs only three or four nights following each full or new moon, and then only for one to three hours immediately after the high tide, from late-February to early-September (Walker 1949). The female grunion swims onto the beach, digs tail-first into the wet sand, and deposits her eggs, which are then fertilized by the male. Normally, the eggs are triggered to hatch at the high tide of the subsequent new or full moon by the waves that reach high enough on shore to wash out the sand and carry the eggs to the ocean, approximately 10 days after fertilization (Walker 1952). California grunion were collected at most of the lampara stations during the 2008 biological surveys of the Port Complex (SAIC 2010). No spawning is known to occur in the immediate vicinity of the proposed Project.

The tidewater goby is a fish species endemic to California and is listed as federally endangered. The tidewater goby is threatened by modification and loss of habitat resulting primarily from coastal development. It appears to spend all life stages in lagoons, estuaries, and river mouths (Swift et al. 1989), but may enter marine environments when flushed out of these preferred habitats during storm events. Adults or larvae may not survive for long periods in the marine environment, but larval transport over short distances may be a natural mechanism for local dispersal. In Los Angeles County the only known location where a population is extant (by

re-establishment) is Malibu Creek (Swift et al. 1993), and habitat near the proposed Project is not suitable for this species.

EFH AND MANAGED SPECIES

Off southern California, species managed under the Magnuson-Stevens Fishery Conservation and Management Act are listed in the Coastal Pelagics FMP and the Pacific Groundfish FMP. A discussion of these species is provided in the following section. Essential Fish Habitat is managed under the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act). This act protects waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity (Magnuson-Stevens Act, 16 U.S.C. 1801 et seq.). Substrates include sediment, hard bottom, structures underlying waters, and associated biological communities (NMFS 2002).

NMFS (2002) defines specific EFH terms as follows (50 CFR. 600.05-600.930):

- "Waters" include all aquatic areas and their associated biological, chemical, and physical properties that are used by fish and may include aquatic areas historically used by fish where appropriate.
- "Substrate" includes sediment, hard bottom, structures underlying the waters, and associated biological communities.
- "Necessary" means the habitat required to support a sustainable fishery and the managed species' contribution to a healthy ecosystem; and "Spawning, breeding, feeding, or growth to maturity" covers a species' full life cycle".

A description of the fish and invertebrate communities of the study area is provided in the previous section. Under the Magnuson-Stevens Act, the federal government has jurisdiction to manage fisheries in the U. S. Exclusive Economic Zone (EEZ), which extends from the outer boundary of state waters (3 nautical miles (5.6 km) from shore) to a distance of 200 nautical miles (370 km) from shore. Fishery Management Plans (FMPs) are extensive documents that are regularly revised and updated. The goals of the management plans include, but are not limited to: the promotion of efficient and profitable fisheries, achievement of optimal yield, provision of adequate forage for dependent species, prevention of overfishing, and development of long-term research plans (PFMC 2011a, b). There are two FMPs that include waters adjacent to the proposed project site: the Coastal Pelagics FMP (6 species) and the Pacific Groundfish FMP (89 species) (**Appendix**).

Coastal Pelagics FMP

Until 2008, the Coastal Pelagics FMP covered one invertebrate (market squid) and four fish species (northern anchovy, jack mackerel [*Trachurus symmetricus*], Pacific [chub] mackerel [*Scomber japonicus*], and Pacific sardine). Amendment 12 to the FMP was finalized in 2009 "to ensure the preservation of a key trophic relationship between fished and unfished elements in the California Current ecosystem by protecting krill resources off the U. S. West Coast" (PFMC 2011a; FR 74[132]33372-3). Krill (euphausiids) are small, shrimp-like crustaceans that serve as the basis of the marine food chain. They are eaten by many species of fish, whales, and seabirds. Although there was no fishery for krill off the U.S. West Coast, krill are fished in Antarctica, Japan, and off the west coast of Canada. They are used in aquaculture and livestock feed and for fish bait and pet foods. EFH for Coastal Pelagics is defined as all marine and estuarine waters from the shoreline of the coasts of California, Oregon, and Washington offshore to the limits of the EEZ and above the thermocline. The thermocline is the portion of the water column where water temperature changes rapidly, usually warmer surface waters transitioning to cooler subsurface waters. The habitat for the Coastal Pelagics is primarily above the thermocline.

Pacific Groundfish FMP

There are 89 fish species covered under the Pacific Groundfish FMP, including: ratfish (*Hydrolagus collie*), finescale codling (also known as Pacific flatnose; *Antimora microlepis*), Pacific rattail (also known as Pacific grenadier; *Coryphaenoides acrolepis*); three species of sharks, three skates; six species of roundfish; 62 species of scorpionfishes and thornyheads; and 12 species of flatfishes. For Pacific Groundfish, EFH includes all waters off southern California between Mean Higher High Water (MHHW) and depths less than or equal to 11,483 ft (3,500 m). The FMP also considers EFH to include areas of the upriver extent of saltwater intrusion. Lastly, specific Habitat Areas of Particular Concern (HAPCs) have been identified as: estuaries, canopy kelp, seagrass, rocky reefs, and other specific areas (such as seamounts).

Relevant Species

Although there are nearly 100 fish/invertebrate species covered under the Coastal Pelagics and Pacific Groundfish FMPs, not all occur near the proposed project site. **Table 1** lists species that have been collected or observed during studies near the project site, including the Port Complex.

Coastal Pelagics

Pacific sardine were not abundant during 2006 ichthyoplankton sampling throughout the Port Complex; two sardine larvae were collected in the Outer Harbor in April 2006 (MBC et al. 2007). This species is also found less frequently than northern anchovy near the project site (MEC and Associates 2002; SAIC 2010). Pacific sardine is epipelagic, occurring in loosely aggregated schools (Wolf et al. 2001). Jack mackerel and Pacific mackerel have been collected in Los Angeles Harbor, but in much lower frequency and numbers than northern anchovy and Pacific sardine. While no mature market squid have been reported in recent surveys, market squid paralarvae were collected in Inner and Outer Harbor areas in 2006 (MBC et al. 2007). All coastal pelagics are associated with the water column (as opposed to the seafloor like many of the groundfish); however, female squid also lay egg masses on sandy bottoms during spawning (at depths of about 16 to 180 ft [5 to 55 m], with most occurring between 66 and 115 ft [20 and 35 m]) (PFMC 2011a).

Pacific Groundfish

None of the species covered under the Pacific Groundfish FMP are considered abundant in the proposed Project area. However, many are associated with hard substrate, kelp, and/or eelgrass, which are less frequently sampled habitats than soft bottoms. Pacific sanddab (*Citharichthys sordidus*) is considered common in the study area since it was collected by trawl in all three of the harbor-wide biological studies, though not in great numbers (MEC 1988; MEC and Associates 2002; SAIC, 2010). One individual was collected in 1986, 51 were collected in 2000, and 171 were collected in 2008. English sole (*Parophrys vetulus*) has also been collected during all three trawl studies, but in relatively low numbers: one individual in 1986, three individuals in 2002, and 24 individuals in 2008. Larvae of English sole were also collected in 2008. English sole prefer soft bottoms from 60 to 1,000 ft (18 to 305 m), while Pacific sanddab are found between 30 and 1,800 ft (9 and 549 m) (Miller and Lea 1972).

A 2010 review of bycatch species in Coastal Pelagic fisheries confirmed that incidental catch and bycatch in these fisheries is dominated by other Coastal Pelagics and that bycatch/incidental catch of non-Coastal Pelagics is extremely low. However, jacksmelt (*Atherinopsis californiensis*) and Pacific herring (*Clupea pallasii pallasii*) are infrequently caught were therefore added to the FMP under Amendment 13 to ensure continued monitoring of incidental catch and bycatch of these species (PFMC 2011a). The distribution of Pacific herring does not normally extend southward beyond San Francisco Bay (Fitch and Lavenberg 1975). Jacksmelt are common in nearshore waters of southern California (Miller and Lea 1972), but were relatively uncommon in the 2000 and 2008 fish surveys of the Port Complex (MEC and Associates 2002; SAIC 2010).

Table 1. Managed fish species found in Los Angeles Harbor based on past occurrences.

Species	Potential Habitat Use	Larval ^{1,2,4}	Juvenile/Adult ^{2,3,4,5}
Coastal Pelagics			
northern anchovy (<i>Engraulis mordax</i>)	Open water.	Abundant	Abundant
Pacific sardine (Sardinops sagax)	Open water.	Uncommon	Common
Pacific (chub) mackerel (Scomber japonicus)	Open water, juveniles off sandy beaches and around kelp beds.	-	Uncommon
jack mackerel (Trachurus symmetricus)	Open water, young fish over shallow banks and juveniles around kelp beds.	Rare	Uncommon
Pacific Groundfish			
English sole (Parophrys vetulus)	Soft bottom habitats.	Rare	Uncommon
Pacific sanddab (Citharichthys sordidus)	Soft bottom habitats.	Rare	Common
black rockfish (Sebastes melanops)	Along breakwater, near deep piers and pilings. Associated with kelp, eelgrass, high relief reefs.	-	Rare
bocaccio (Sebastes paucispinis)	Multiple habitat associations, including soft and hard bottom, kelp, eelgrass, etc.	-	Rare
calico rockfish (Sebastes dallii)	Multiple habitat associations but prefer hard substrata and rocky interfaces.	-	Rare
California scorpionfish (Scorpaena guttata)	Benthic, on soft and hard bottoms, as well as around structures.	-	Uncommon
grass rockfish (Sebastes rastrelliger)	Common on hard substrate, kelp, and eelgrass habitats.	-	Rare
kelp rockfish (Sebastes atrovirens	Common on hard substrate, kelp; reported along breakwater.	-	Rare
olive rockfish (Sebastes serranoides)	Common around hard substrate, kelp; reported along breakwater.	-	Rare
vermilion rockfish (Sebastes miniatus)	Juveniles over soft-bottom and kelp, adults associated with hard substrate.	-	Uncommon
lingcod (<i>Ophiodon elongatus</i>)	Multiple habitat associations but prefer hard substrata and rocky interfaces.	-	Rare
cabezon (Scorpaenichthys marmoratus)	Multiple habitat associations but prefer hard substrata and rocky interfaces.	Rare	Rare
leopard shark (<i>Triakis semifasciata</i>)	Multiple habitat associations, including soft bottoms, and near structure, kelp, and eelgrass.	N/A	Rare
big skate (<i>Raja binoculata</i>)	Soft bottom habitat.	N/A	Rare
California skate (<i>Raja inornata</i>)	Soft bottom habitat.	N/A	Uncommon

Sources: 1 – MBC et al. (2007), 2 – MEC and Associates (2002), 3 – MBC (2013), 4 – SAIC (2010), 5 – MEC (1999) N/A = Not applicable, internal fertilization. Abundant>Common>Uncommon>Rare.

Note - Most rockfish larvae not identifiable to species.

A total of 23 California skate (*Raja inornata*) were collected by trawl during the biological surveys of the Port Complex in 2008. Although they have been collected in other studies of the Port Complex, no big skate (*Raja binoculata*) were collected in 2008 (MEC and Associates 2002). Like English sole, California skate has been collected in all three harbor-wide biological surveys, whereas big skate was only collected in 2002. Both skate species prefer soft bottom habitat, although California skate occurs in much deeper waters (60 to 2,200 ft [18 to 671 m]) than big skate (10 to 360 ft [10 to 110 m]) (Miller and Lea 1972). California scorpionfish (*Scorpaena guttata*) is another species collected in all three harbor-wide surveys, and 11 individuals were collected in 2008. Vermilion rockfish (*Sebastes miniatus*) was only collected in 2002 (four individuals) and 2008 (20 individuals). Vermilion rockfish occur between 20 and1,440 ft (6 and 436 m), but are most common between 165 and495 ft (50 and50 m). Juveniles are common in shallower water (20 to 120 ft, or 6 to 36 m), where they hover over sand patches near alga or structures, including pier pilings (Love et al., 2002). The remaining species in **Table 1** have only been collected sporadically and in low numbers.

ASSESSMENT OF POTENTIAL IMPACTS

The following section includes a discussion of potential impacts resulting from both the construction and operation of the proposed Project. Potential effects to the marine environment could result from:

- Dredging and disposal of approximately 27,000 cy of sediment alongside Berths 214–220 to achieve the desired depths,
- Installation of sheet piles and king piles alongside Berths 214–220;
- Construction and operational noise;
- Spills from shore or from vessels at the terminal; and
- Introduction of invasive species.

The assessment of impacts is based on the assumption that the proposed Project or alternative (as applicable) would adhere to the following:

- Coverage under the General Construction Activities Stormwater Permit (GCASP) for the onshore portions of the proposed Project will be obtained by the Los Angeles Harbor Department (LAHD) as the "Legally Responsible Person" that will delegate applicable responsibilities to the tenant. The associated Stormwater Pollution Prevention Plan (SWPPP) will contain the following measures:
 - Equipment will be inspected regularly (daily) during construction, and any leaks found will be repaired immediately.
 - o Refueling of vehicles and equipment will occur in a designated, contained area.
 - Drip pans will be used under stationary equipment (e.g., diesel fuel generators), during refueling, and when equipment is maintained.
 - Drip pans that are in use will be covered during rainfall to prevent washout of pollutants.
 - Appropriate containment structures will be constructed and maintained to prevent off-site transport of pollutants from spills and construction debris.
 - Monitoring will occur to verify that the best management practices (BMPs) are implemented and kept in good working order.
- Other relevant standard operating procedures and BMPs for Port construction projects will be followed.
 This includes adherence to a SWPPP during operation of the proposed Project or alternatives as part of the General Industrial Activities Stormwater Permit (GIASP).
- The LAHD will incorporate Standard Urban Stormwater Mitigation Plan/Low Impact Development (SUSMP/LID) measures into the project design for review and approval by the City of Los Angeles Department of Building and Safety.

- All onshore contaminated upland soils will be characterized and remediated in accordance with LAHD, Los Angeles Regional Water Quality Control Board (RWQCB), Department of Toxic Substances Control, and Los Angeles County Fire Department protocol and cleanup standards.
- The tenant will obtain and implement the appropriate stormwater discharge permits for operations.
- Sediments from the proposed dredging area have been evaluated using standard EPA/USACE protocols to determine the suitability of the material for unconfined, aquatic disposal. Unsuitable dredged material will be disposed of at the Port's approved confined disposal facility at Berths 243–245. Suitable material may be disposed of at the LA-2 disposal site, at Berths 243–245, or at another suitable location.
- A Rivers and Harbors Act (Section 10) permit will be required from the USACE for dredging, crane installation, and pile installation activities in waters of the United States. A previously approved Section 404 permit for the Port of Los Angeles Channel Deepening Project (Corps Permit No. SPL-2008-00662-AOA) allows for in-harbor disposal of dredged material at the Berths 243–245 CDF. A Marine Protection, Research, and Sanctuaries Act (MPRSA) (Section 103) permit will be required for ocean transport and disposal of qualifying material at a designated ocean disposal site (LA-2).
- A Clean Water Act (CWA) Section 401 Water Quality Certification from the Los Angeles RWQCB would be required for activities related to construction dredging, potentially pile driving, and any inwater disposal activities may require a standard Waste Discharge Requirements (WDRs).
- A Debris Management Plan and Oil Spill Contingency Plan (OSCP) will be prepared and implemented prior to the start of demolition, dredging, and construction activities associated with the proposed Project. The OSCP will specifically identify in-water containment and spill management in the event of an accidental spill. The plan will require that emergency cleanup equipment is available on site to respond to such accidental spills. All pollutants will be managed in accordance with all applicable laws and regulations.
- During dredging, LAHD will implement an integrated multi-parameter water quality monitoring program in conjunction with both USACE and Los Angeles RWQCB permit requirements. The objective of the monitoring program will be adaptive management of the dredging operation, whereby potential exceedances of water quality objectives can be measured and dredging operations subsequently modified. If turbidity levels exceed the threshold established in the WDRs issued by the Los Angeles RWQCB, water chemistry analysis will be conducted and LAHD will immediately meet with the construction manager to discuss modifications of dredging operations to reduce turbidity to acceptable levels. This could include alteration of dredging methods, and/or implementation of additional BMPs such as a silt curtain.

Construction Impacts

In-water and over-water construction activities would extend over approximately 12–13 months. Phase I of construction would take approximately four months for installation of sheet piles at Berths 217–220 and approximately one month for dredging and disposal. Phase II of construction involves approximately six months for installation of king piles and sheet piles at Berths 214–216 and approximately two months for dredging and disposal.

Impacts on water quality could occur from dredging, installation of sheet piles and king piles, backland improvements, and potential construction-related spills. Impacts to water quality could result from the suspension of sediments and/or the introduction of contaminants to the water column. Suspension is the dislodgement and dispersal of sediment into the water column (where finer sediments are subject to transport and dispersion by currents). Sediment suspension can also result in the short-term release of contaminants in the water column through release of pore water (water between individual sediment particles) and by desorption, or separation, from suspended particles. The potential water quality effects from construction of each of the major project components are described separately below.

They types of water quality impacts from proposed Project construction could include:

- Increased turbidity (reduced water clarity and light transmittance),
- Increased sediment suspension (or suspended solids),
- Increased dissolved or particulate contaminants (that were previously bound to dredged sediments or in pore water),
- Reduced dissolved oxygen (from suspension of sediments with low oxygen),
- Reduced pH, and
- Plankton blooms (from suspension of nutrient-laden sediments).

There are no projected effects to salinity or temperature from construction and operation of the proposed Project.

Effects to Water Quality during Dredging and Pile Installation

Dredging would resuspend some bottom sediments and create localized and temporary turbidity plumes over a relatively small area. Dredging would disturb bottom sediments, and suspend sediments over a relatively small area. The extent of disturbance would depend on the method of dredging. Suspension of sediments during clamshell dredging occurs during bucket impact, penetration, and removal of the bucket from the sediment, as well as during bucket retrieval through the water column. During cutterhead dredging, suspended sediments are limited to the immediate vicinity of the dredge.

For continuous dredging operations, elevated turbidity would occur in the immediate vicinity of the dredge for periods of days to several weeks. The majority of suspended sediments settle within one hour of dredging (Palermo et al. 2008). Transport of suspended particles by tidal currents would result in some redistribution of sediment contaminants. The amount of contaminants redistributed in this manner would be small, and the distribution would be localized in the channel adjacent to the work area. Monitoring efforts associated with previous dredging projects in the Harbor have shown that resuspension followed by settling of sediments is low (generally 2 percent or less) (Anchor Environmental 2003).

Dredging sediments adjacent to the YTI Terminal would likely generate a relatively small turbidity plume. While sediments at Berths 212-224 are fine-grained, receiving water monitoring studies at other dredge sites in the Harbor and other water bodies have documented a relatively small, turbid dredge plume that dissipates rapidly with distance from dredging operations (MBC 2001, 2002; USACE and LAHD 2008; POLA 2009a—i, 2010a—d; Parish and Wiener 1987; Jones & Stokes 2007a—b, 2008). Water quality was measured during dredging at Berths 212—215 in 2001 (MBC 2001). During dredging, light transmittance was reduced by about 15 percent in the bottom half of the water column 300 ft downcurrent from the dredge.

Sheet piles and king piles would be lowered through the water column, and then driven into the seafloor by both vibratory and impact driving methods. Some sediment would be suspended during this process, but over a much smaller area than during dredging, and any turbidity would be limited to waters near the seafloor.

Within areas of sediment resuspension, DO and pH could be slightly reduced. Reductions in DO concentrations, however, would be brief and are not expected to persist or cause detrimental effects to biological resources. During dredging at Berths 212–215 in 2001, there was little difference in DO and pH between Station C (300 ft downcurrent of dredging) and Station D (the control station, located at Berth 195 in East Basin) (MBC 2001). Contaminants, including metals and organics, could be released into the water column during the dredging and pile installation. However, any increase in contaminant levels in the water is expected to be localized and of short duration. The magnitude of contaminant releases would be related to the sediment particle sizes, sediment organic content, and contaminant concentrations associated with the disturbed sediments. Sediment grain size affects the binding capacity of sediments for contaminants. Most of the sediments in the proposed dredge footprint are suitable for unconfined aquatic disposal (AMEC 2013).

Therefore, contaminant concentrations associated with any potentially disturbed or resuspended sediments during dredging are not expected to result in any long-term effects in the waters near the YTI Terminal.

Nutrients could be released into the water column during the dredging and pile installation. Release of nutrients may promote nuisance growths of phytoplankton if operations occur during warm water conditions. Phytoplankton blooms have occurred during previous dredging projects, including the Deep Draft Navigation Improvement Project (USACE and LAHD 1992). However, there is no evidence that the plankton blooms observed were not a natural occurrence or that they were exacerbated by dredging activities. The Basin Plan limits on biostimulatory substances are defined as "...concentrations that promote aquatic growth to the extent that such growth causes nuisance or adversely affects beneficial uses" (LARWQCB 1994). Given the limited spatial and temporal extent of proposed project activities with the potential for releasing nutrients from bottom sediments, adverse effects on beneficial uses of Harbor waters are not anticipated to occur in response to the proposed Project.

Underwater Sound during Dredging and Pile Installation

Sound pressure waves in the water from pile driving can affect fish, particularly those with a swim bladder, with the level of effect influenced by factors such as species, size of fish (smaller fish are affected more), physical condition of fish, peak sound pressure and frequency, shape of the sound wave, depth of water at the piles, location of fish in the water column, amount of air in the water, size and number of waves on the water surface, bottom substrate composition and texture, tidal currents, and presence of predators (NMFS 2004). Types of effects on fish can include mortality from swim bladder rupture or internal hemorrhaging, changes in behavior, and hearing loss (permanent or temporary) (Vagle 2003). The most common behavioral changes include temporary dispersal of fish schools.

The sound pressure waves from pile-driving could result in temporary avoidance of the construction areas as well as cause mortality of some fish in the Coastal Pelagics FMP, but these species are abundant in the Harbor and due to the limited area of potential effect, the numbers of fish exposed to harmful pressure waves would represent a very small proportion of the number of fish in the Port Complex at any given time. Because smaller fish are more susceptible to acoustic injury, the species most likely to suffer mortality would be northern anchovy, Pacific sardine, and topsmelt. These species play important roles in the cycling of energy and nutrients in the Harbor, which has been designated as EFH for both northern anchovy and Pacific sardine.

Sound transmission in the underwater environment can be affected by local bathymetry, substrates, currents, and stratification of the water column. Based on underwater studies of gray whale behavior, a disturbance threshold (Level B harassment) of 160 decibels Root Mean Square (dB_{RMS}) has been identified for marine mammals based on previous research on cetaceans (*Federal Register* 2006). Exposure to sound at this level would likely cause avoidance, but not injury, for marine mammals. The current Level A harassment (injury) threshold for non-explosive sounds is 180 dB_{RMS} for cetaceans and 190 dB_{RMS} for pinnipeds. Sheet pile and king pile installation at the proposed Project site is anticipated to result in disturbance (Level B harassment) to marine mammals in the vicinity of construction operations, and could potentially result in Level A harassment during impact driving of sheet piles and king piles. As a result of this, Mitigation Measure BIO-1 has been proposed to reduce the potential for impacts to marine mammals.

Mitigation Measure BIO-1

Although it is expected that marine mammals will voluntarily move away from the area at the commencement of the vibratory or "soft start" of pile-driving activities, as a precautionary measure, pile-driving activities occurring as part of the sheet pile and king pile installation will include establishment of a safety zone, and the area surrounding the operations will be monitored for pinnipeds and cetaceans by a qualified marine mammal observer. A 300-meterradius safety zone will be established around the pile-driving site and monitored for marine

mammals. The pile-driving site will move with each new pile, therefore the 300-meter safety zone will move accordingly.

Prior to commencement of pile driving, observers on shore or by boat will survey the safety zone to ensure that no marine mammals are seen within the zone before pile driving of a pile segment begins. If a marine mammal is observed within 10 meters of pile-driving operations, pile driving will be delayed until the marine mammal moves out of the 10-meter zone. If a marine mammal in the 300-meter safety zone is observed, but more than 10 meters away, the contractor will wait at least 15 minutes to commence pile driving. If the marine mammal has not left the 300-meter safety zone after 15 minutes, pile driving can commence with a "soft start." This 15-minute criterion is based on a study indicating that pinnipeds dive for a mean time of 0.50 to 3.33 minutes; the 15-minute delay will allow a more than sufficient period of observation to be reasonably sure the animal has left the proposed project vicinity.

If marine mammals enter the safety zone after pile driving of a segment has begun, pile driving will continue. The qualified observer will monitor and record the species and number of individuals observed, and make note of their behavior patterns. If the animal appears distressed, and if it is operationally safe to do so, pile driving will cease until the animal leaves the area. Prior to the initiation of each new pile-driving episode, the area will again be thoroughly surveyed by the qualified observer.

Implementation of Mitigation Measure BIO-1 would also reduce the likelihood of impacts to fish as a result of pile driving. Mitigation Measure BIO-1 would require that pile-driving initiate with a soft start, which would minimize potential impacts to fish, since they would likely leave the area as pile driving commenced. Avoidance of the area would be temporary; construction would take place for approximately 10 months, and occur mostly during daylight hours. There would be no physical barriers to movement, and the baseline condition for fish and wildlife access would be essentially unchanged.

Habitat Loss

No permanent loss of marine habitat would occur because the proposed Project would not result in fill being discharged into the marine environment that could eliminate marine habitat functions. Dredging would temporarily impact benthic habitat within the project area. In addition, sheet pile and king piles would be installed to stabilize the wharf. These structural elements would be installed within a few feet of the existing wharf. The sheet pile and king piles would protrude slightly above the seafloor, and would provide hard substrate usable as habitat by marine organisms.

Effects to Special Aquatic Habitats

There are no special aquatic habitats or other sensitive natural communities identified at the proposed Project site that would be affected by proposed Project construction. There are no wetlands, giant kelp beds, or eelgrass beds in the vicinity of the YTI Terminal. Water quality effects are expected to be transitory and are not expected to significantly affect any wetlands, kelp beds, or eelgrass beds. There are no mudflats or marshes near the proposed project site that would be affected by proposed project construction. Impacts on EFH during construction would be localized and temporary.

Effects of Backlands Improvements

Ground disturbances and construction activities related to backlands improvements could result in temporary impacts on surface water quality if uncontrolled runoff of exposed soils, asphalt leachate, concrete washwater, and other construction materials enter Harbor waters. No upland surface bodies of water currently exist within the proposed project boundaries. Thus, proposed Project-related impacts on surface water quality would be limited to potential non-stormwater discharges or discharges of stormwater runoff to Harbor waters that receive runoff from the proposed Project site. Runoff from the upland portions of the proposed Project site would flow into the Harbor, along with runoff from other adjacent areas of the Harbor's subwatershed. Runoff at the

proposed project site is collected by the on-site storm drain system and is managed in compliance with applicable permits and ordinances (including SUSMP requirements) prior to discharge to the Harbor (to the East Basin Channel). In addition to soils, runoff from a construction site could contain a variety of contaminants, including metals and PAHs associated with construction materials, and spills of oil or other petroleum products. Impacts on surface water quality from accidental spills are addressed below.

Backlands improvement would not directly introduce sediments to the waters off the YTI Terminal; however, stormwater runoff could carry sediments to the Harbor waters without intervention. Accidental spills could also introduce contaminants to Harbor waters.

Accidental Spills

Accidents resulting in spills of fuel, lubricants, or hydraulic fluid from equipment used during dredging, pile installation, backlands improvement, and/or disposal of dredged material, could occur during proposed project construction. Based on the history for this type of work in the Harbor, accidental leaks and spills of large volumes of hazardous materials or wastes containing contaminants during onshore construction activities have a very low probability of occurring because large volumes of these materials typically are not used or stored at construction sites.

Shading and Nighttime Illumination

Shade from construction vessels, and lights to support construction activities at night, would have temporary influences on the distribution of water column species. Certain zooplankton, fish, and squid are attracted to light. Other species may be attracted by concentrations of zooplankton and squid associated with night lighting. Conversely, daytime shading from construction vessels or localized turbidity during in-water construction may reduce algal productivity. Certain fish species are attracted to shade and cover that construction vessels provide, while vibration and activity may frighten certain species from the area. However, because construction activities and locations would be constantly changing, the effects would be similar to those that occur under normal Port operations with vessels constantly coming and going, and night lighting provided for Port operations. Therefore, no substantial disruption of biological communities would occur.

Operational Impacts

Increased Vessel Activity

Although the proposed Project vessels would add to the number of noise events (through more ship calls and potentially larger ship size), they would not substantially add to the overall underwater noise level. The addition of up to 44 ship calls per year under CEQA would not adversely affect FMP species present in the Harbor or in the vicinity of the YTI Terminal because the additional trips proposed are infrequent. Schooling fish, such as sardines and anchovy, likely would ignore the ship movements and sound, or temporarily move out of the way. Other federally managed species are rare in the harbor, and vessel noise would result in only temporary effects on their distribution in the Port despite a projected additional 44 visits annually compared to the CEQA baseline. In recent history, the Port has witnessed an improvement in fish abundance and EFH for federally managed species (MEC and Associates 2002; SAIC 2010) even though there has been increased vessel traffic in the harbor. Therefore, it is unlikely that additional ship calls would affect federally managed species, and additional ship calls would not adversely affect EFH for any species in the harbor.

Effects from Runoff and Spills

Runoff from the project site would not substantially reduce or alter EFH in harbor waters because water quality standards for protection of marine life would not be exceeded. Operation of proposed project facilities would have minimal effects on EFH. Accidents resulting in spills of fuel, lubricants, or hydraulic fluid could occur during proposed project operation. Accidental leaks and spills of large volumes of hazardous materials or wastes containing contaminants during onshore construction activities have a very low probability of occurring because large volumes of these materials typically are not used or stored at the YTI Terminal.

No Significant Ecological Areas (SEAs) or natural plant communities are present that could be affected by operation of proposed project facilities. No wetlands or mudflats are present at the proposed project site, and those in other areas of the harbor are not located in or near the channels that would be used by vessels transiting to or from the YTI Terminal. The nearest giant kelp beds to the proposed project site are near the Main Channel entrance (adjacent to the USCG Base and Berth 72) and are located more than 1.8 miles from the YTI Terminal. There are no eelgrass beds near the YTI Terminal. Eelgrass beds are located in the Cabrillo Shallow Water Habitat and Pier 300 Shallow Water Habitat/Seaplane Lagoon, and would not be affected by operations at the proposed project site. Runoff from the re-paved areas of the proposed project site would be routed to existing onsite storm drains, treated via BMP devices, and discharged to the Main Channel. The runoff is not expected to adversely affect eelgrass beds present in the Cabrillo Shallow Water Habitat and Pier 300 Shallow Water Habitat/Seaplane Lagoon due to the large separation distance.

Nonnative/Invasive Species

The amount of ballast water discharged into the Main Channel area and, thus, the potential for introduction of invasive exotic species could increase because more and larger container ships would use the Port as a result of the proposed Project. These vessels would come primarily from outside the U.S. EEZ and would be subject to regulations to minimize the introduction of nonnative species in ballast water. In addition, container ships coming into the Port loaded would be taking on local water while unloading and discharging when reloading. This would also diminish the opportunity for discharge of nonnative species. Thus, it is unlikely but possible that ballast water discharges during cargo transfers in the Port would contain nonnative species.

Nonnative invertebrate species can also be introduced via vessel hulls. The CSLC has issued a report on commercial vessel fouling in California (CSLC 2006), recommending that the state legislature broaden the state program and adopt regulations to prevent non-indigenous species introductions by ship fouling. Of particular concern is the introduction of the alga *Caulerpa taxifolia*. However, this species is most likely introduced from disposal of aquarium plants and water and is spread by fragmentation rather than from ship hulls or ballast water discharges. Therefore, risk of introduction is associated with movement of plant fragments from infected to uninfected areas through activities such as dredging and/or anchoring. The LAHD conducts surveys, consistent with the Caulerpa Control Protocol (NMFS and CDFG 2008) prior to water-related construction projects to verify that *Caulerpa* is not present. This species has not been detected in the Port Complex and has been eradicated from known localized areas of occurrence in southern California. Therefore, there is little potential for additional vessel operations from the proposed Project to introduce these species.

Undaria pinnatifida, which was discovered in the Port Complex in 2000 (MEC and Associates 2002), and *Sargassum filicinum* (or *S. horneri*), discovered in October 2003 (MBC 2004), may be introduced and/or spread as a result of hull fouling or ballast water and, therefore, might have the potential to increase in the harbor via vessels traveling between ports in the EEZ. Invertebrates that attach to vessel hulls could be introduced in a similar manner.

The proposed Project would result in an increase of an additional 44 vessels per year as early as 2015 (compared to 162 ship calls in the CEQA baseline year at the YTI Terminal), which represents an approximately two percent increase in vessel traffic compared to the total number of vessels entering the Port (approximately 2,180 vessels in 2012). Considering, the limited discharges of non-local water from container ships (see above) and the ballast water regulations currently in effect, the potential for introduction of additional exotic species via ballast water would be low from vessels entering from outside the EEZ. The potential for introduction of exotic species via vessel hulls would be increased in proportion to the increase in number of vessels. However, vessel hulls are generally coated with antifouling paints and cleaned at intervals to reduce the frictional drag from growths of organisms on the hull (Global Security 2007), which would reduce the potential for transport of exotic species.

The Port of Los Angeles and Port of Long Beach, California State Lands Commission, and the University of Maryland are collaborating with American President Lines to test a shipboard ballast water treatment system designed to remove non-native species from ballast water, and prevent their introduction into Harbor waters. If methods become available in the future, they would be implemented as required at that time. The proposed

Project has a low potential to increase the introduction of nonnative species into the harbor that could substantially disrupt local biological communities, but such effects could still occur.

ASSESSMENT SUMMARY

Impacts construction would be localized and temporary. Potential impacts from dredging, pile installation, construction runoff, accidental spills, and shading would be less than significant. No habitat loss would occur. Acoustic impacts from pile driving could result in adverse effects to fish species in the immediate construction area. However, due to the limited potential impact area, this is not considered a substantial disruption. Additionally, with implementation of Mitigation Measure BIO-1, the pile-driving would initiate with a soft start, which would minimize potential impacts to fish and marine mammals, as they would likely leave the area as pile driving commenced. This mitigation measure would also include the establishment of a 300-meter safety zone around pile driving operations that would be monitored by observers. If marine mammals are observed within the zone prior to commencement of pile driving, the observer would require the pile driving to cease. Avoidance of the area would be temporary; pile driving occur intermittently over a period of approximately 10 months, and occur during daylight hours. There would be no physical barriers to movement, and the baseline condition for fish and wildlife access would be essentially unchanged. Due to the limited potential impact area and with the implementation of Mitigation Measure BIO-1, this is not considered a substantial disruption.

Potential impacts resulting from operation of the YTI Terminal include effects to water quality resulting from accidental spills and runoff, disturbance from vessel movements, and introduction of invasive species through ballast water exchange or vessel fouling. Potential impacts resulting from accidental spills, runoff, and disturbance from vessel movements would be less than significant. Impacts to EFH resulting from the introduction of invasive species are considered significant. No mitigation, beyond implementation of measures required under existing regulations, is available to fully mitigate potential impacts related to the introduction of invasive species. No feasible mitigation is currently available to totally prevent introduction of invasive species via vessel hulls or even ballast water, due to the lack of a proven technology.

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APPENDIX

Coastal Pelagic Species
Pacific Groundfish Species

Coastal Pelagic Species

Common Name			
Managed Species			
Northern Anchovy			
Pacific Sardine			
Pacific (chub) Mackerel			
Jack Mackerel			
Market Squid			
Krill (euphausiids)			
Ecosystem Component Species			
Jacksmelt			
Pacific Herring			

Pacific Groundfish Species

Common Name	Category	Common Name	Category
Leopard Shark	Sharks	Kelp Rockfish	Rockfish
Soupfin Shark	Sharks	Longspine Thornyhead	Rockfish
Spiny Dogfish	Sharks	Mexican Rockfish	Rockfish
Big Skate	Sharks	Olive Rockfish	Rockfish
California Skate	Sharks	Pacific Ocean Perch	Rockfish
Longnose Skate	Sharks	Pink Rockfish	Rockfish
Spotted ratfish	Ratfish	Pinkrose Rockfish	Rockfish
Pacific Flatnose	Morid	Pygmy Rockfish	Rockfish
Pacific Grenadier	Grenadier	Quillback Rockfish	Rockfish
Lingcod	Roundfish	Redbanded Rockfish	Rockfish
Cabezon	Roundfish	Redstripe Rockfish	Rockfish
Kelp Greenling	Roundfish	Rosethorn Rockfish	Rockfish
Pacific Cod	Roundfish	Rosy Rockfish	Rockfish
Pacific Hake	Roundfish	Rougheye Rockfish	Rockfish
Sablefish	Roundfish	Sharpchin Rockfish	Rockfish
Aurora Rockfish	Rockfish	Shortbelly Rockfish	Rockfish
Bank Rockfish	Rockfish	Shortraker Rockfish	Rockfish
Black Rockfish	Rockfish	Shortspine Thornyhead	Rockfish
Black-and-Yellow Rockfish	Rockfish	Silverygray Rockfish	Rockfish
Blackgill Rockfish	Rockfish	Speckled Rockfish	Rockfish
Blue Rockfish	Rockfish	Splitnose Rockfish	Rockfish
Bocaccio	Rockfish	Squarespot Rockfish	Rockfish
Bronzespotted Rockfish	Rockfish	Starry Rockfish	Rockfish
Brown Rockfish	Rockfish	Stripetail Rockfish	Rockfish
Calico Rockfish	Rockfish	Tiger Rockfish	Rockfish
California Scorpionfish	Rockfish	Treefish	Rockfish
Canary Rockfish	Rockfish	Vermilion Rockfish	Rockfish
Chameleon Rockfish	Rockfish	Widow Rockfish	Rockfish
Chilipepper	Rockfish	Yelloweye Rockfish	Rockfish
China Rockfish	Rockfish	Yellowmouth Rockfish	Rockfish
Copper Rockfish	Rockfish	Yellowtail Rockfish	Rockfish
Cowcod	Rockfish	Arrowtooth Flounder	Flatfish
Darkblotched Rockfish	Rockfish	Butter Sole	Flatfish
Dusky Rockfish	Rockfish	Curlfin Sole	Flatfish
Dwarf-red Rockfish	Rockfish	Dover Sole	Flatfish
Flag Rockfish	Rockfish	English Sole	Flatfish
Gopher Rockfish	Rockfish	Flathead Sole	Flatfish
Grass Rockfish	Rockfish	Pacific Sanddab	Flatfish
Greenblotched Rockfish	Rockfish	Petrale Sole	Flatfish
Greenspotted Rockfish	Rockfish	Rex Sole	Flatfish
Greenstriped Rockfish	Rockfish	Rock Sole	Flatfish
Harlequin Rockfish	Rockfish	Sand Sole	Flatfish
Honeycomb Rockfish	Rockfish	Starry Flounder	Flatfish